

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information as the Government of India way deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in

toleograf in Calcutta, or eight Rubers if sent by Post. The Supplement and Part VI of the Galerte can also be subteribed for separately on a payment of Robers viz per annum if delivered in Calcutta or Rubers nine if sent by Post. Na Official Orders or Notifications, the Publication of which in the Galerte or India is required by Law, or which it has been existencery to publish in the Calcutta Galerte, will be included in the Supplement. For such Orders and Notifications the body of the Galerte must be looked to.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

E OF CHURCHES CONSECRATED FOR THE SERVICE THE CHU

Nos. 271-86.

Extract from the Proceedings of the Government of India, in the Home Department (Ecclesiastical), under date Simla, the 17th June, 1898.

Read again: .

The Regulations issued by the Government of India, on the 10th September 1860, for the use for Presbyterian worship of Churches consecrated for the services of the

Military Despatch from Her Majesty's Secretary of State, No. 80, dated the 17th Sep-

Lefters to the Governments of Madras and Bombay and the Senior Chaplain of the Church of Scotland, Calcutta, Nos. 313-315, dated the 2nd November 1896.

Letters to the Government of the North-Western Provinces and Oudh and the Punjab, Nos. 101-102, dated the 22nd March 1897.

Read also the undermentioned papers-

Letter from the Government of Madras, No. 96, dated the 14th December 1896.

Letter from the Government of Bombay, No. 25, dated the 18th March 1897.

Letter from the Senior Chaplain of the Church of Scotland, Calcutta, No. 781, dated

Letter from the Government of the North-Western Provinces and. Oudh, No. 979,

Letter from the Government of the Punjab, No. 857, dated the 28th August 1897.

Communication from the Military Department, No. 1402-C., dated the 2nd August

Communication from the Military Department, No. 1783-C., dated the 25th September

RESOLUTION.

The regulations dated the 10th September 1860, referred to in the preamble to this Resolution, were designed to enable Churches consecrated for the services of the Church of England to be used, with the consent of the Bishop of the Diocese in each case and under certain restrictions, for Presbyterian worship. In a memorandum presented to Her Majesty's Secretary of State in the year 1896 by a deputation from the General Assembly of the Church of Scotland, it was represented that the attention of that body had been frequently called to the difficulty experienced in some cases in obtaining the use of Government inquiries instituted into the matter it appears that the cases of substantial complaints are not were appears but the Government that the cases of substantial complaints are not were appears but the Government that the cases of substantial complaints are not were appears but the Government that the cases of substantial complaints are not were appears but the Government that the cases of substantial complaints are not were appears but the Government that the cases of substantial complaints are not were appears to the case of the case of substantial complaints are not were appears to the case of the cas plaint are not very numerous, but the Government of India have noticed with regret that instances have occurred when the use for Presbyterian worship of buildings provided by Government and consecrated for the services of the Church of England has been disallowed, and further that in one case the use of an unconsecrated building (a regimental school-room) was refused for such worship. The Governor General in Council trusts that such instances will not be allowed

2. In 1860, when the rules referred to in the preamble were drafted, the number of Wesleyans was comparatively small. Since that time they have become sufficiently numerous among the soldiers to justify the concession being made to them, which was then granted to the Presbyterians. It is, moreover, in the opinion of the Government of India, desirable to provide that the use of Churches may be allowed to Presbyterian or Wesleyan Ministers ministering to soldiers, even though they are not Chaplains on the regular establishment. The power of allowing or disallowing the use of regimental schools and other unconsecrated buildings for purposes of worship rests with the Officer Commanding the station and not with the ecclesiastical authorities. In case any doubt or

- (1) A Church provided by Government and consecrated for the services of the Church of England may be used for the services of the Church of Scotland and the Wesleyan Church and for the services of any other denomination to which the Government of India may from time to time make these rules applicable.
- (2) The use of the Church shall be permissible both to Scotch Chaplains on the regular establishment and to Presbyterian and Wesleyan Ministers officiating with troops.
- (3) It shall be necessary to obtain the consent of the Bishop of the Diocese in each case.
- (4) The Bishop, or the Church of England Chaplain, or Clergyman of the Church of England performing the duties of Chaplain, shall, under the Bishop's instructions, fix the hours at which the Church shall be made available to the Presbyterian, Wesleyan or other congregations.
- (5) The care of the Church and Church furniture and the expenditure and control of the Church establishment shall remain exclusively in the hands of the Chaplain or Clergyman of the Church of England performing the duties of Chaplain.
- (6) The Bishop of the Diocese may withdraw his assent to use the Church for the worship of any congregation other than that of the Church of England whenever he shall think fit.
- (7) If in any case dissatisfaction is felt with any order passed under these rules either as to the use of a Church by a congregation not belonging to the Church of England or as to the hour at which it is made available for the use of such congregation, the Senior Chaplain of the Church of Scotland or the General Superintendent of the Wesleyan Church, as the case may be, may bring the matter before the Lieutenant-General of the Command through the General Officer Commanding the district and the Lieutenant-General shall then, if he considers this necessary, communicate with the Bishop, in order, if possible, to arrange the matter with him. Should the Senior Chaplain of the Church of Scotland or the General Superintendent of the Wesleyan Church, as the case may be, be dissatisfied with the arrangement made between the Lieutenant-General of the Command and the Bishop, he shall be at liberty to ask the Lieutenant-General that the matter may be referred for final decision in the case of Churches situate in cantonments and provided solely for the use of soldiers to His Excellency the Commander-in-Chief and in the case of other Churches to the Local Government.

ORDER —Ordered, that this Resolution be communicated to Local Governments and Administrations, the Ven'ble the Officiating Archdeacon and Bishop's Commissary, the Senior Chaplain of the Church of Scotland, Calcutta, the General Superintendent of the Wesleyan Church and the Foreign and Military Departments.

Ordered also, that it be published in the Gazette of India.

[True Extract.]

J. P. HEWETT,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, June 25th, 1898.

The week under review has witnessed a steady contraction in the rainfall area over India. The rains had ceased in Upper India on the 18th and the break extended to the Central Provinces on the 20th and to the west coast on the 22nd. On the opposite side of India the contraction was not so well marked as over Western, Central and North-West India. In Bengal and Assam rain was general and heavy on the 19th; on the 20th there was no change, but on the 21st and 22nd rain began to fall off both in extent and amount and this decrease continued slowly, so that by the close of the week only eight stations in Bengal and Assam reported rain, and the heaviest amount was 1'91" at Jalpaiguri. Lower Burma throughout the week was under the influence of a current of air flowing across the south of the Bay, and this region received rain throughout the whole period. During the whole of the week under review very large pressure differences have existed over India, and these large pressure differences have been associated with strong winds which, except when connected with cyclonic conditions, are invariably inimical to a plentiful fall of rain. The contraction of the rainfall area has been accompanied with a marked rise of temperature, and the mean temperature of the whole country has exceeded the normal on each day of the week.

Daily Summary.—Sunday, June 19th.—The small cyclonic storm over Bengal was drifting very slowly horthward and the centre was close to Dinajpur. Pressure was lowest over the North Punjab and highest in Ceylon, and the pressure difference between those areas was more than 0.20° greater than usual. The winds were cyclonic over Bengal, south-westerly over the Bay, and between south-west and west elsewhere. The force was very high. The mean temperature was lower than usual over Bengal, the South Gangetic Plain and across the head of the Peninsula, but elsewhere the heat was excessive. At Mooltan, Montgomery and Sialkot the excess was 8°, while at Chaibassa and Sambalpur the deficiency was 8°. Rain had fallen generally over Burma, Bengal, Assam, the west of the Peninsula and the Central Provinces, but elsewhere there had been either no rain or only unimportant showers.

Monday, June 20th.—The Bengal storm had practically disappeared, and the barometric readings decreased from a high pressure area in Ceylon to a low pressure area in the Punjab. The pressure differences were very large. The winds were westerly almost everywhere and remained very strong. The temperature distribution relatively to the normal was the same as on the 19th and the heat was very great over the Punjab. Fairly general rain continued to fall over Burma, Assam, Bengal and the west of the Peninsula, but elsewhere the weather was nearly rainless.

Tuesday, June 21st.—The barometer had changed very slightly and the pressure conditions were unaltered. Strong westerly winds continued to blow over the greater part of the country, but in parts of Burma and of Bengal the direction was more southerly. The force remained high. The temperature was lower than usual over Burma, Bengal, Assam, the Central Provinces and Bombay, but elsewhere the heat was excessive—more particularly in the north-west. In Burma, Assam, East Bengal, North Bengal and Bihar more or less rain had fallen, while along the west coast showers had been received, but in other parts of the country the weather had been rainless.

Wednesday, June 22nd.—The pressure changes continued slight and there had been no important alteration in the general pressure conditions. Southerly to south-easterly winds were blowing in Burma and East Bengal and southerly winds in the Punjab, but elsewhere strong westerly winds and gales

continued to be reported. Low temperatures were again reported from the west of the Peninsula and from parts of Burma, Assam and Bengal, but elsewhere the heat remained excessive. Burma, Assam and part of Bengal had received general and in places heavy rain, but in all other parts of the country the weather was practically rainless.

Thursday, June 23rd.—The barometer had risen fast in Bengal, but elsewhere the changes were slight. Steep gradients continued to exist between the low pressure area in the North Punjab and the high pressure area in Ceylon and Malabar, and westerly gales continued over a large part of the country. The temperature relatively to the normal was low over Mysore, Burma, Assam and Bengal (proper), but in other parts of the country the mean temperature was very high—more particularly in the Punjab. The only rainfall of importance reported was received over Burma, Assam and Bengal, the weather in other parts of the country being practically rainless.

Friday, June 24th.—The barometer had fallen over Burma, but had generally risen elsewhere. The rise was greatest in the north, so that the pressure gradients had decreased, but this was the only important change. Southerly winds were reported from the Punjab, Bengal and Burma, but elsewhere the wind remained generally westerly. The temperature was low in the Burma coast districts, in Bengal, in Mysore and in the west of the North-West Provinces; in all other places the mean temperature was higher than usual. Showers were reported over West Bengal and parts of Upper India and general rain in Lower Burma and Lower Bengal. In other regions the weather had been practically rainless.

Saturday, June 25th.—A very shallow depression had appeared over Lower Bengal, but with this exception there had been no important change in the pressure conditions. Some south-east winds were reported along the foot of the Himalayas, but in other places the winds were practically unaltered. Relatively low temperatures, continued to be reported from Mysore, Lower Burma, part of Bengal and the west of the North-West Provinces, while over the remainder of India the heat was more or less excessive.

Temperature.—The temperature conditions have agreed closely with the distribution of rainfall; on most days of the week rain fell in Lower Bengal, and the mean temperature there was generally low. On the other hand, no rain fell over the greater part of the Punjab, and the heat over that province throughout the week was very excessive. In the west of the North-West Provinces a sudden and considerable fall of temperature accompanied and followed the rain of the 24th and 25th in that region.

The following table gives temperature data for the week:

PROVINCE.				JUNE 18	98.			Mean
	19th	20th	21st	22nd	23rd	24th	25th	variation of week.
	0	0		0	0	0	0	0
Burma . Bengal and Assam North-Western Provinces and Oudh Punjab . Bombay Central Provinces and Berar Central India and Gujarat Sind and Rajputana Madras	+1.2 +1.2 +1.3 +1.5 -1.0 -4.1 +4.7 +1.5	+0.8 -3.1 +0.9 +5.8 -1.9 -3.0 -2.1 +3.7 -0.1	-0'9 -1'2 +3'2 +5'5 -0'2 -1'3 +0'5 +3'6 +1'0	-0'2 +0'1 +5'1 +7'4 +0'5 +1'0 +1'8 +2'8 +1'9	-1'3 +0'6 +3'7 +6'7 +1'4 +2'5 +1'4 +1'4	-1.6 -0.9 +0.4 +5.0 +1.3 +2.3 +1.0 +1.1	-0'2 +1'3 -1'0 +4'2 +1'2 +3'0 +1'0 +0'9 +2'7	-0°3 -0°9 +1°9 +5°8 +0°2 +0°1 +0°4 +2°6 +1°5
Mean for whole of India .	+0.6	+0:1	+1.1	+2'3	+3.1	+1.3	+1.2	+1'3

The mean temperature of the whole country was about normal on the 19th and 20th, but was higher than usual on all other days of the week. The provincial variations show a very large excess of temperature over the Punjab, and a moderate to considerable excess in the North-West Provinces, Sind, Rajputana and Madras.

The highest recorded maximum on each day was as follows:

Rain.—The week under review has been characterised by a marked decrease in the extent of the rainfall area and in the amount of rain received from day to day. Rain had ceased in Upper India on the last day of the preceding week; it ceased in the Central Provinces on the 20th and practically ceased on the west coast on the 22nd. It continued to fall intermittently in Bengal and steadily in Lower Burma until the close of the week, while over the centre and east of the Peninsula only scattered showers were reported throughout the week. The mail steamer which crossed the Arabian Sea during the week carried with her only a moderate monsoon, and the rainfall from this branch of the monsoon was unimportant throughout the week. On the other hand, the Bay branch of the monsoon gave general and fairly heavy rain to Burma and heavy, though somewhat intermittent, rain to Bengal. The cyclonic storm which lay over Bengal at the close of last week filled up during the first three days of the week under review, and thereafter no storm affected the weather over India, though very strong steady westerly winds prevailed over nearly the whole country. The rainfall table at the close of the summary shows that no rain whatever fell during the week in the following seven divisions-vis., the South-East, South, Central and West Punjab, Sind, Baluchistan and Western Rajputana, and practically none in the following seven divisions—vis., the west of the North-West Provinces, the Submontane Punjab, Kathiawar, the east of Rajputana and west of Central India, Central Madras, the central division of the East Coast and the south division of Madras, where the total rainfall of the week averaged less than one-tenth of an inch. In all the remaining divisions effective rain was received, the amounts ranging from 17:59 inches in Arakan, 17:01 inches in the Assam Hills, 13:73 inches in North Bengal and 12:64 inches in Tenasserim, to 0:10 inch in the North Punjab, 0:15 inch in the East Coast [North (a)] and 0:30 inch in the east of the Central Provinces. The third column of the table shows very clearly the difference, from a rain giving point of view, between the Bay and the Arabian Sea branches of the monsoon current. Burma, with the exception of Upper Burma, received more rain than usual, the whole of Assam received more rain than the average, and the same was true of East, Deltaic, Central and North Bengal, while the whole of West Bengal, the Gangetic Plain, North-West India (except the Punjab Hills) the central parts of the country and the Peninsula experienced relatively dry weather. The principal cases of excessive rain were shown in the Assam Hills with a variation of +8.31 inches, North Bengal with a variation of + 7:47 inches and Deltaic Burma with a variation of +5.34 inches, while the principal cases of deficiency were shown in the Bengal Hills (-3.57 inches), the Konkan (-2.88 inches), the east of the Central Provinces (-2.40 inches), the central division of the Central Provinces (-1'97 inches) and Orissa (-1'95 inches).

Up to date the monsoon rainfall has been in excess of the average in the following fourteen divisions—vis., Central Bengal, Chota Nagpur, South Oudh, North Oudh, the central division of the North-West Provinces, the East and West Submontane divisions of the North-West Provinces, the hill division of the North-West Provinces, the south division of the Punjab, the hills of the Punjab, the Konkan, the Bombay Deccan, Gujarat and the East Coast (North);

it has been normal, that is, has varied by less than 20% of the average in the following twenty-seven divisions—vis., Tenasserim, Deltaic Burma, Central Burma, East Bengal, the Assam Hills, the Assam Valley, Deltaic Bengal, North Bengal, Orissa, South Bihar, North Bihar, the North-West Provinces (East), the Dunjab (South-East, North and West), Malabar, Coorg, Mysore, Berar, the Central Provinces (West, Central and East), Kathiawar, Madras (Central and South) and the East Coast (Central and South), and has been deficient in the remaining divisions. Thus in forty-one out of the fifty-seven rainfall divisions the monsoon rainfall up to date has been normal or in excess of the normal.

The following are the principal large totals recorded during the week under veriew in the different provinces:

Burma				Thaton, Tenasserim			14'40 ii	nches.
				Akyab			25'02	n :
Bengal				Chittagong .	36.		14'15	,,,
				Mymensing .	Varie		17.25	"
				Dinhatta, Cooch Beha	r .		24'44	n_
Assam				Cherra Poonjee			50.81	,,
				Sunamgunj, Sylhet			21.34	39
Bihar				Sitamarhi, Muzaffarpur			5.75	"
North-West	Prov	inces		Maharajgunj, Gorakhp	ur .	10	6.06	1)
Punjab		100		Palampur, Kangra .			2'51	7,
West Coast				Hosdrug, Mangalore .			12.21	1
				Devola, Nilgiris			10'53	
				Bhatkal, Karwar			10.15	"
Central Provi	inces			Warora, Chanda		Pay	3.81	"
Gujarat		7		Jambusar, Broach	* * AE.			1)
Madras		STA.		Cuddalore	rei e		3.36	37
		112	11600	DEPLOYED THE RESERVE OF THE PARTY OF THE PAR			330	1.0

			DATA FOR WI			DATA FROM M JUNE STH, 189	
PRQVINCE,	DIVISION.	Average actual rainfall of division.	Average on normal rainfall of division.	Excess or defect in inches.	Average actual rainfall of season to date.	Average nor- mal rainfall, May 20th to June 25th,	Excess or de fect of (sea- sonal) rain fall expresso as a per- centage.
	•	Inches.	Inches.	Inches,	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	12.64 9.51 4.26 1.02 17.59	· 8.77 · 4.17 2.76 2.27 13.69	+ 3.87 + 5.34 + 1.50 - 1.25 + 3.90	30°53 17°42 9°41 5°22 33°75	36.96 17.26 11.58 9.74 50.82	- 18 + 1 - 18 - 46 - 34
Bengal and Assam .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	9°23 10°17 17°01 6°29 2°93 6°28 13°73 5°13 6°41 1°73 0°98 2°36	5'05 6'88 8'70 3'56 2'89 2'97 6'26 8'70 2'36 2'56 1'77 2'78	+ 4.18 + 3.29 + 8.31 + 2.73 + 0.04 + 3.31 + 7.47 - 3.57 - 0.83 - 0.79 - 0.42	19'80 18'51 28'86 12'84 10'32 13'33 22'06 16'85 6'06 11'68 3'97 6'26	17'71 24'30 29'22 13'88 9'57 9'24 20'84 23'66 6'18 6'28 4'33 6'96	+ 12 - 24 - 1 + 86 - 29 - 86 - 10
NORTH-WESTERN PROVINCES AND OUDH.	18. NW. P. East	0'42 0'32 0'74 0'67 0'01 1'30 0'41 0'63	1°18 1°19 1°40 1°00 0°65 1°48 1°23 1°72	- 0.76 - 0.87 - 0.69 - 0.33 - 0.64 - 0.18 - 0.82 - 1.09	2'70 4'35 4'35 2'81 0'94 5'50 .3'47 8'78	2'58 2'38 3'01 2'04 1'38 3'43 2'84 4'51	+ 83 + 44 + 35 + 22 + 95
Punjab	26. South-East Punjab	0 0 0 0'02 1'43 0'10	0.80 0.64 0.44 0.87 1.41 0.25 0.20	- 0.80 - 0.64 - 0.44 - 0.85 + 0.02 - 0.15 - 0.20	1.72 1.49 0.59 1.34 6.51 0.80 0.47	1'50 1'19 1'04 1'69 3'80 0'82 0'51	+ 13 + 25 - 4 + 75 - 1
BOMEAT AND MALABAR COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	6·14 0·70 4·67 0·44 3·21 0·65	7.79 1.01 6.23 0.97 6.09 0.89	- 1'65 - 0'31 - 1'56 - 0'53 - 2'88 - 0'24	31.88 2.49 24.13 4.17 29.88 6.98	31'13 4'84 21'42 4'31 20'15 4'69	+ 45 + 45 + 45 - 24
CENTRAL PROVINCES AND BERAR.	41. Berar	0'61 0'33 0'72 0'30	1'95 2'19 2'69 2'70	- 1'34 - 1'86 - 1'97 - 2'40	5°10 5°92 5°84 5°55	5'19 5'39 5'37 5'96	- 2 + 10 + 9
BOMEAY (NORTH) .	45. Gujarat	4:69	1°72 0°95 0°07	+ 2.97 - 0.03 - 0.04	8.96 1.43 0	3.35 1.76 0.13 0.00	+ 176 - 19 - 100 - 100
RAJPUTAMA AND CEN-	49. Central India East 50. Rajputana East, Contral India West. 51. West Rajputana	0.03	1'87 0'92	- 1'61 - 0'89 - 0'45	3.81 2.20	5 48 2 87	- 30 - 23 - 67
MADRAS ,	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0°19 0°15 0'48 0°06 0°04 0°38	1'31 1'76 1'19 0'46 0'69 0'39	- 1'12 - 1'61 - 0'40 - 0'65 - 0'01 - 0'11	5'91 4'30 2'19 2:21 2'16 1'58	3'77 7'44 4'28 2'44 2'38 1'91	+ 57 - 49 - 9 - 17 - 6

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

DENZIL IBBETSON,
Secretary to the Government of India.

- SIMLA, 30th June, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 25th June.—The rainfall was good on the West Coast; fair in parts of the Circars; and light and scattered showers or no rain elsewhere. Sowings are proceeding in parts, but are retarded by want of rain, from which cause also the standing crops are suffering. Prospects are generally favourable in the Circars and on the West Coast, but elsewhere rain is urgently wanted. Pasture and fodder are scarce. The condition of cattle is normal. Prices are slightly dearer generally, except in the Circars and on the West Coast. The numbers on relief in Nellore were:—workers—374 men, 474 women, 176 children; total 1,024. Fed in kitchens—1 woman, 26 children; total 27. Grand total on relief—1,051. The increase over last week's numbers is ascribed to lessening field work in the absence of rain. Loans disbursed in Nellore during the week Rs. 940.

Bombay.—For week ending 29th June.—There was rain in all districts of the Presidency Proper, except in Broach; the fall was moderate in the Konkan and in parts of Gujarat; elsewhere it was generally slight. More rain is urgently wanted, especially in the Deccan and Karnatic. The spring crops are suffering for want of rain in parts of Poona and Karachi. Sowing of early crops is progressing generally, but is retarded in parts of seven districts, owing to insufficient rain. Fodder is sufficient, except in parts of Karachi. Agricultural stock is healthy. Prices have risen in eight districts; elsewhere they are almost stationary. The price of jowari in Sholapur was 15½ and in Poona 15 seers per rupee. The average number of relief workers was—Sholapur 10,207. On gratuitous relief—Sholapur 3,491. On test works—Poona—1,656, of whom 602 are men, 816 women, and 238 children.

Bengal.—For week ending 27th June.—There was general rain during the week and in some parts of Bengal Proper it was heavy. More rain is still required in parts of Bihar and Orissa. The cultivation of the autumn crops and of winter rice is progressing. Early rice, jute, sugarcane, and indigo are doing well. The extent of damage done by floods in Midnapore has not yet been ascertained. Floods in parts of Hooghly and Howrah are also reported to have caused some damage to the crops. Prices remain practically stationary. Fodder and water for cattle are generally sufficient.

North-Western Provinces and Oudh.—For week ending 29th June.—Light rain is reported from most districts. More rain is however required to forward the autumn crop sowings. Sugarcane and indigo are being irrigated and are doing well. Markets are fully stocked. Supplies and fodder are sufficient. Prices are steady.

Punjab.—For week ending 29th June.—Only a slight shower is reported from the Rawalpindi district. Threshing is completed in Rawalpindi and the reaping of extra spring crops is nearly over in Ferozepore and harvesting of wheat is in progress in Dera Ismail Khan. Ploughings and sowings of autumn crops have commenced in some districts. Rain is badly wanted. The condition of the standing crops is good in Dera Ismail Khan. The outturn of the spring crops is reported above average in Lahore. Buying of wheat for export has ceased in Umballa. The recent rain has slightly damaged wheat in Shahpur. Cattle are generally in good condition. Fodder is sufficient throughout the Province. Prices have fallen in Hissar, Umballa, Mooltan, Lahore, and Dera Ismail Khan; and remained almost unchanged elsewhere. Wheat is selling from 14½ to 21½, maize 23 to 28, barley 27, gram 28 to 24, and bulrush-millet 20 to 26½ seers per rupee.

Central Provinces.—For week ending 20th June.—Good showers have fallen in Damoh, Betul, Nimar, and Chhindwara, but in the remaining districts the week has been practically rainless. The break is beginning to cause some anxiety in Saugor, Balaghat, Hoshangabad, and Raipur. Sowing operations are now suspended in Nimar and deferred in parts of Damoh and Naggur. Some of the early sown crops are reported to be withering in parts of Hoshangabad, Wardha, and Balaghat. Sugarcane is doing well. The water supply is scanty in parts of Hoshangabad and Chhindwara. Prices fluctuate somewhat, but show generally a downward tendency except for juar, the quotation for which has risen slightly in four districts. The cheapest prices are—wheat 16, gram 32, rice 16, and juar 25 seers per rupee; in five districts wheat is selling under 12 seers per rupee, and in three districts rice is selling under 10 seers per rupee.

Burma.—For week ending 25th June.—In Lower Burma ploughing is reported from all districts, except Pegu. Sowing is commencing in Hanthawaddy, Thongwa, Bassein, Henzada, and Tavoy. In Upper Burma the cultivation of wet weather paddy and upland crops is progressing in all districts under favourable conditions, except in parts of Thayetmyo, Mandalay, and Myitkina as reported last week, and in Yamethin sub-division, where more rain is wanted. The price of paddy has risen slightly in Shwebo and has fallen considerably in Thatôn, and slightly in Rangoon, Amherst, and Thayetmyo; elsewhere it is stationary.

Assam.—For week ending 25th June.—The weather is seasonable. Sowing of summer paddy continues in the Surma Valley and late rice cultivation in the Assam Valley is in progress. The planting of sugarcane is nearly finished. Prospects of early rice are bad in Kamrup for want of timely rain. Prospects of tea have improved in the Surma Valley and in Kamrup; they are fair in Nowgong and good in other districts of the Assam Valley, except in Lakhimpur, where more sun is wanted. Prices of common rice—Silchar 83, Sylhet 9, Dhubri 103, Gauhati and Sibsagar 10, Tezpur 81, Nowgong 8, and Dibrugarh 93 seers per rupee.

Mysore and Coorg.—For week ending 29th June.—MYSORE: Rainfall—one inch 5 cents in the Civil and Military Station and good rain in parts of Hassan, Kadur, and Shimoga. Prospects are favourable. Prices are slightly rising in Bangalore and Kadur. Paddy has been sown in Kadur and Shimoga and has been harvested in parts of five districts.

COORG: Rainfall one inch 58 cents. Ploughing for rice and sowing of ragi (Eleusine coracana) continue. Prices of food-grains are rising. Water and fodder for cattle are sufficient.

Berar and Hyderabad.—For week ending 29th June.—BERAR: The weather is warm and cloudy with occasional showers of rain. Preparation of land for the rain crops is almost completed. Cotton sowing is in progress. The fodder and water are sufficient. Prices are almost stationary.

HYDERABAD: Rainfall during the week one cent. The autumn sowings are reported to be suspended in parts for want of rain and young shoots have been damaged in others by strong winds. Sowing operations have commenced in twenty-five talukas. Prices of grain have risen slightly in the Gulbargah division; elsewhere they are stationary. Prices—wheat 7½, coarse rice 7½, and jowari 14½ seers per current sicca rupee.

Central India.—For week ending 20th June.—Some rain fell in all Agencies, except Bhopawar, but more is generally needed. Autumn operations are in progress, except in Gwalior. Agricultural stock and pasturage are in fairly good condition in all Agencies, except in a few districts of Gwalior. Prices are rising in Malwa and are steady elsewhere.

Rajputana.—For week ending 30th June.—Rainfall—1'45 inches in Kotah; and slight rain in Bikanir, Abu, Haraoti, and Dholepore. Rain is wanted

in Bhurtpore and Ulwar. Ploughing and sowing of crops continue. Crops and prospects are good. Agricultural stock is in good condition. Pasturage or fodder is sufficient. Prices are rising in Jeysulmere; falling in Jhallawar; and are steady elsewhere.

Kashmir.—For week ending 28th June.—The weather is fine. Spring crop reaping is in progress. Prices continue below normal. Rice—22 seers per rupee.

JAMMU PROVINCE.—For week ending 29th June.—No rain. Prices are generally stationary. Wheat is 15% and barley 27 seers per rupee. Sowings for the autumn crops are in progress. Condition of standing crops is fair. Fodder is sufficient.

Nepal.—For week ending 25th June.—Rainfall 2.05 inches. Weather continues sultry and warm. Lowland rice is still being transplanted. The prospects of the crops are good. Rice—72 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

			Pa	ECEDING WE	EK.	P	RESENT WEED	ι.	Increase	
Name	or Pro	VINCE.	Relief works.	Gratuitous relief.	TOTAL.	Relief works.	Gratuitous relief.	TOTAL.	decibase.	
Madras	٠		817	25	842	1,024	27	1,051	+ 209	
Bombay	٠	٠	11,307	3,240	14,547	11,863	. 3,491	15,354	+ 807	
	Тот	AL	12,124	3,265	15,389	12,887	3,518	16,405	+1,016	

DENZIL IBBETSON,
Secritary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

ore—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and on-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons ously relieved in poor-houses or at their homes.

							A	Z-11					
Salvani in the salvani	Name of President and		IB WEEK			E WEEK			E WEEK			e week :	
0.	Name of Province and District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra-* tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
5	Madras.	957	27	984	1,176	23	1,199	1,257	28	1,285	817	25	842
	Total Madras .	957	27	984	1,176	23	1,199	1,257	28	1,285	817	25	842
	Bombay. Sholapur	8,624	2,982	11,605	9,023	3,053	12,076	9,441	3,148	12,589	9,903	3,240	13,143
3	Poons	621	***	621	799	e	799	1,090	•••	1,090	1,404	s • •	1,404
	TOTAL BOMBAY .	9,245	2,982	12,227	9,822	3,053	12,875	10,531	3,148	13,679	11,307	3,240	14.547
	GRAND TOTAL FOR ALL PROVINCES.	10,202	3,009	13,211	10,998	3,076	14,074	11,788	3,176	14,964	12,124	3,265	15,389

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, lly show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

> DENZIL IBBETSON, Secretary to the Government of India.

Dated 1st July, 1898.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS PROM IST JANUARY TO
19TH JUNE 1897, AND FROM 1ST JANUARY TO 18TH JUNE 1898.

N.B.—As regards the figures in column Total Earnings from 1st January 1898, audited figures have been used, as far as possible.

•	Average earning per mile	A AA TAN	K ENDING JUNE 1897.		WEE	JUNE 1898.	18тн	Earnings	'Eurnings	1	1
Baitway.	per weel during	4	Earnin		Mean	Earni	6.	from lat	Jan ary	Increase	Decreas
	first- halt of 1897.	mileage worked.		Per mile open.	mileage worked.		Per mile open.	June 1897.	to 18th	•	Decrea
State Lines worked by companies. Standard gauge—	Rs.	Miles.	Ra.	Rs.	Miles.	Rs.	Re.	Rs.	Ra.	Rs.	Re.
East Indian Bengal Central	673 140	1,737 125	11,37,786 19,668	655 153	1,740 125	11,48,000 13,500	660 108	2,92,42,584 4,30,337	3,01,53,000 4.91,000	9,10,416	
Bengal-Nágpur Indian Midland (including Bhopal-Itarsi) Bezwada Extn. (East Coast State)	160 158 149	862 761 21	1,11,620	129 176 119	962 800	1,00,000	104 210	33,76,383 29,71,753	39,08,000 34,12,000	5,31,617 4,40,247	000
Metra nauge - (Bezwada-Mad.) .	157	9	2,491 1,179	131	21 9	3,000 900	143 100	78,732 32,691	1,61,000 24,800		7,89
Rapputana-Malwa (including Godhra- Rutlam-Nagda) Palanpur-Deessa	218	1,815	3,83,938	212	1,815	4,41,000	243	96,65,567	1,12,69,000	16,03,433	
South Indian Mayavaram-Mutapet	171 95	17 1,042 54	788 1,90,875 6,131	183	1,042	1,62,000	53 155	21,317 42,64,529	16,200 39,24,000	f	5,11 3,40,52
Southum Muhratty finalading Cantales		1,165	1,55,009	114	1,165	1,20,000	103	1,22,102	1,13,000	•••	9,10
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	117	296	40,800	138	290	28,200	95	8,18,402	28,91,000 7,71,600		5,97,34
Tirhoot sootion) Lucknow-Burcilly Assum-Bengal	156 81	815 200	1,28,102	357 80	924	1,25,000	135 98	31,56,292 4,43,506		2,36,708 1,07,494	***
Burma	59 224 253	159 886 9,961	12,919	173	986 986	23,600 1,44,000	83 154	4,99,198 49,10 049	6,07,000 48,19,000	1,07,802	91,00
State Lines worked by the State. Standard gauge— North-Western (a)	200	27.01	24,94,082	250	10,892	25,02,600	241	6,85,21,779	6,64,44,000	20,22,221	900
Oudh and Robilkhand (including the	200	2,883	5,75,161	200	2,885	8,47,000	291	1,38,77,508	1,96,52,000	57,74,497	
East Coast (inoldg. metro & 2' 8")	201 234 102	875 816 535	2,24,495 1,45,827 50,376	957 179 94	1,013	1,69,000	167 205	41,42,216 56,43,282	49,11,000 62,81,000	7,68,784 6,40,768	***
Special gauges— Jorhát - Cherra-Companyganj	71	28	1,845	66	587 25	42,200	79 80	12,74,708 47,848	14,83,000 42,700	2,08,292	
Cherra-Companyganj Total Lines worked by guaranteed cos.	203	5,197-	9,97,761	194	5,278	(b) 12,52,200	237	(c)9.308 2,49,94,815	(d)1,800 C ,23,74,500	70,79,685	5,14 7,30
Great Indian Poniumla (a)	405	1,491	4,87,215	327	1.46	P 02 400					***
Bombay, Baroda and Contral India Madras	683 - 265	461 840	3,20,129 2,29,809	691 274	1,491 461 840	5,87,000 3,20,000 2,16,000	394 694 957	76,39,280 54,03,038	1,88,22,000 83,67,000 51,87,000	39,19,596 7,27,770	***
TOTAL (GUARANTEED AND STATE)	409	72,792 17,893	10,37,153 45,28,999	253 253	2,792 18,462	11,23,000 48,77.800	402	2.79,44,672	3,23,76,000	44,31,328	2,16,038
Assisted companies. Mandard yauge— Delhi-Umballa-Kalka				7	10,402	10,11.000	2019	11,64,61,266	13,11,94,500	1,47,33,234	***
Tarkessur Southern Punjab (Dolhi-Samasata)	162 308	160 22	26,934 7,013	168 319	162	26,400 4,600	168 200	6,38,977 1,69,828	8,46,000 1,76,000	3,07,023 6,172	400
Robilkhand and Kumaon (Co.'s and	121	66	8,639	131	66	42,300 (9,900	106	3 Or 000	7,05,000	7,05,000	140
Bengal Docars Dibru-Sadiya Ahmedabad-Parantij	118 196	36 78	2,888 14,521	80 186	36 78	5,000	139 134	1,95,996 92,860 3,68,340	2,10.000 82,300 3,85,000	16,651	10,50
Special yange— Darjoeling-Himalayan	55 261	33	2,106 6,567	64	55	3,200	58	(1) 13,618	77,800	64,157	***
Lines owned by native states and	175	446	68,068	129	870	1,15,400	235	3,28,094 18,07,756	3,16,000 27,98,100	9,90,344	12,0%
worked by other agencies. Standard gauge Bina-Goons											
Bhopal-Ujain	34 74 74	74 114	2,747 9,712	97 85	74 114	2,200 10,300	30 90	59,065 2,06,672	57,700 2,14,060	7,828	1,3
The Nizam's guaranteed state The Guckwar's Potlad	204 100	35 334 13	2,981 57,146 1,580	85 171 122	35	2,400 70,800	69 212	58,574 16,45,180	62,700 18,68,000	4,126 2,22,820	414
Rájpura-Bhátinda Kolar Gold-fields Metre gauge—	142 380	108	12,839 3,722	119	13 108 10	1,200 14,600 4,100	92 135 410	29,491 3,12,323 93,337	18,900 8,43,000	30,677	10,5
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud).	82	00	r han					V11,107	95,700	2,363	***
Kolhápur Mohsána	77	66 98 29	5,712 7,209 2,594	87 77 89	93	4,800 7,800	73 84	1,31,310 1,62,729	1,12,000 1,68,000	5,271	19,3
Special gauges— The tinekwar's Dabhol Rajpipla	71	72	4,330	60	29	5,500	59 70	52,833	37,700	***	15,19
Cooch Behar Total	67 55		7)-1.792	-81	19 22	100	5 82	1,23,603	1,08,000 4,300 34,800	4,300	15,00° 8
Lines owned & worked by n. states.	128	970	1,08,810	112	998	1,26,200	127	29,14,102	31,24,800	2,10,698	2,1
Bhavnagar-Gondal-Junagad-Porbandar Jetalaar-Rajkot	127 87	334	934,676	104 85	.334	37,700 3,900	113	10,42,849	10,18,000	440	24,81
Jámnagar Dhrangadra Jodhj ur-Bickancor	74	51	2,136	42	54 21	2,000	85 87 14	97,908 (h) 25,954	88,900 48,000	22,046	9,10
Oodeypore-Chitor Special gauge—	74 40	364	24,050 2,159	66 36	405	21,700 3,700	54 62	6,58,289 56,582	(i) 1,000 5,67,000 59,100	2,868	91,28
Alorvi . Total	83 93	94	8,097	86	94	10,100	107	1.89,977	1,83,000	الان ولك 	6,97
GRAND TOTAL .			75.031 7,81,508	79 236 2	1,014 1,342 5	79,400	78 244 15	20,71,507 2,32,54,631 1	19.65,200 3,90,82,600	,58,27,969	1,06,30
											-

(f) From 1st May to 19th June 1897.

(g) The traffic was interrupted by the earthquakes. These represent an adjustment made on account of share of railway traffic credited as heme earnings in the previous (h) From 8th April to 19th June 1897.

(i) From 7th to 18th June 1898.

⁽a) Includes the Jummu and Kashmir and the Hyderabad-Shadipalli railways.

(b) Closed for traffic.

(c) From 1st January to 15th May 1897.

(d) From 8th March to 14th May 1898.

(s) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XI or 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

•	Averago	J	k mnding una 1897.	19TH	WEED	TENDING 1 UNE 1898.		1	, we tut us p	1	
BAILWAY.	per mile		Earnin	-	-	Earnin	gs.	Farnings from lat April to	from 1st April to	To annual to	,
•••	per week in 1897-98.	Mean mileage worked.		Per mile open.	Mean mileage worked.	TOTAL.	Per mile open.	10th Tune	18th June 1898.	Increase.	Decrease,
State dines worked by companies. Standan gauge East Indian Bengal Central	Re. 654 183	Miles. 1,737 125	Rs. 11,37,796 19,068	Re. 655 153	Miles. 1,740 125	Ra. 11,48,000 13,500	Rs. 660	Rs. 1,87,16,965 2,00,664	Rs. 1,48,13,000 2,20,000	Ra. 5,96,035 19,336	Re.
Bengal-Nagpur Indian Midland (including Bhopal-Itarai) Beswada Extn. (East Coast State) Madras-Ennur Roc. (Beswada Mad.) Metre gauge—	139 155 155 185	862 761 21 9	1,11,620 1,33,628 2,491 1,179	129 176 119 131	962 800 21 9	1,00,000 1,68,000 3,000 900	104 210 143 100	14,41,846 14,71,348 80,437 14,498	19,14,000 17,59,006 47,900 11,300	4,72,654 2,87,652 17,463	8,198
Rajputana-Malwa (including Godhra- Rutham-Nagda) Palanput-Doceas South Indian Mayavaram-Mutupet Southern Mahratta (including Guntakal-	210 44 166 92	1,815 17 1,042 54	3,83,988 788 1,90,875 6,131	212 46 183 114	1,815 17 1,042 54	4,41,000 900 1,62,000 4,900	243 53 155 91	45,89,700 10,521 20,90,668 60,379	58,93,000 9,000 19,24,000 57,800	18,53,900	1,521 1,66,668 2,579
Southern Mahratta (including Guntakal- Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	113 123	1,165 296	1,55,009 40,800	133 138	1,165 296	1,20,000 28,200	103 95	18,16,110 4,29,078	15,08,000 3,62,000	040 904	8,08,110 67,078
Tirhoot section) Lucknow-Bazeilly Assam-Bengal Burma Total	147 81 73 186	815 200 159 886 9,364	1,28,102 16,034 12,919 1,53,719 24,94,082	157 80 81 173	924 200 286 936 10,392	1,25,000 19,600 23,600 1,44,000 25,02,600	135 98 88 154	16,87,072 2,28,169 2,21,149 20,09,805 2,99,67,929	16,64,000 2,72,000 2,75,000 19,06,000 3,21,36,000	43,811 53,551	23,072
State lines worked by the State. Standard gauge— North-Western (a)	286	2,883	5,75,161	200	2,885	8,47,000	294	62,87,082	96,17,000	21,68,071 33,29,918	
Oudh and Rohilkhand (including the metro gauge link). Eastern Bengal (incldg. metre & 2'6") East Coast Special gauges—	195 862 106	875 816 585	2,24,495 1,45,887 50,376	257 179 94	1,013 818 537	1,69,000 1,92,000 42,200	167 235 79	20,76,898 25,07,399 5,64,762	25,28,000 25,08,000 6,71,000	4,51,102 601 1,06,238	***
Jornat Cherra-Companyganj	69 44 235	5,137	9,97,764	66 194	25 5,278	2,000 (b)	.80 237	23,069 (c) 2,945 1,14,62,155	17,800 (d) 1,400 1,53,43,200	88,81,045	5,269 1,545
Lines worked by guaranteed cos. Standard gauge Great Indian Peninsula (e) Bombay, Baroda and Central India Madras	881 586 261	1,491 461 840	4,87,215 3,20,129 2,29,809	827 694 274	1,491 461 840	5,87,000 3,20,000 2,16,000	394 694 257	66,58,771 40,60,824 26,14,746	94,48,000 40,95,800 24,76,000	27,87,220 9,34,176	***
TOTAL (GUARANTERD AND STATE) Assisted companies.	379 262		10,37,153 45,28,999	371 253	2,792 18,462	11,28,000 48,77,800	402	1,38,84,341 5,47,64,425	1,69,17,000 6,48,96,200	35,82,659 96,31,775	1,38,746
Standard gauge— Delhi-Umballa-Kalka Tarkessur Southern Punjab (Delhi-Samasata)	207 278 42	160 22	26,934 7,018	168 319	162 22 400	26,400 4,600 42,300	168 209 106	3,08,598 82,442	3,46,000 82,700 4,67,000	37,402 258 4,67,000	810
Metre gauge— Rohilkhand and Kumaon (Co.'s sec.) Bengal Doors Dibru-Sadiya Ahmedabad-Parantij	121 149 198 45	66 86 78 83	8,639 2,888 14,521 2,106	131 80 186 64	66 86 78 55	9,900 5,000 12,000 3,200	150 139 154 58	97,123 89,172 1,80,043 (f) 18,648	1,18,000 87,000 1,75,000 48,000	20,877	2,172 5,043
Darjeeling-Himalayan Total Lines owned by native states and	274 147	51 446	6,567 68,068	129	51 870	12,000 1,15,400	235 133	1,72,377 8,93,398	1,78,000	5,623 5,58,302	***
worked by other agencies. Standard gauge Bins-Goons Bhopal-Ujjain Nagda-Ujjain	26 61	74 114	2,747 9,742	87 85	74 114	2,200 10,300	80 90	28,287 87,583	31,600	3,813	
The Nisaro's Guaranteed State The Gaekwar's Potlad Rajpura-Bhatinda Kolar Gold-fields Metre guage—	80 211 84 122 402	35 834 13 108 10	2,981 57,146 1,580 12,839 8,722	85 171 122 119 872	35 334 13 108 10	2,400 70,800 1,200 14,600 4,100	69 212 92 135 410	91,319 7,25,226 16,861 1,26,883 41,346	1,08,000 31,300 9,10,000 13,000 1,70,000 43,700	20,467 1,84,774 43,117 2,354	19 8,861
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud) The Gackwar's Mehsana Kolhapur Special gauges—	84 71 57	66 98 29	5,712 7,209 2,594	87 77 89	66 93 29	4,800 7,800 1,700	73 84 59	69,816 85,816 26,5 07	56,100 89,100 19,800	3,284	7,716 6,707
The Gackwar's Dahhoi Bajpipla Cooch Behar Toral	51 11 54 120	72 22 (4,330 g)-1,792 1,08,810	60 81 112	79 19 22 996	5,500 100 700 1,26,200	70 5 32	68,740 17,647 13,14,981	63,000 2,000 15,000	2,000	740 2,647
Lines owned & worked by n. states. Metre gauge— Bhåvnsgar-Gondal-Junågad-Porbandar Jetalsar-Råjkot Jåmnagar	97 82	334 46	84,676 3,913	104 85	384	37,700 3,900	113	4,98,929 46,719	6,07,000	1,08,071	***
Dhrangadra Jodhpore-Bickaneer Oodeypore-Chitor Special gauge—	38 62 38	364 60	2,136 24,030 2,150	66 36	54 21 405 60	2,000 300 21,700 8,700	37 14 54 62	(A) 25,954 3,01,122 26,062	46,100 26,700 (i) 1,000 2,68,000 33,100	746 1,000 7,038	519 33,122
Morvi Total GRAND TOTAL	83 75 24 3	949 949 20,2 58	8,097 75,081 17,81,508	86 79 236	94 1,014 21,342	10,100 79,400 51,98,800	107 78	96,566 9.95,352	1,10,000 10,92,000 6,84,92,500	18,434	000
(a) Includes the Jammu and Kashmir and	d the H	vdernhed	l-Ghadina li	1 (6)	Duam L	et Muse to 1		-		,,	***

railways.

Closed for traffic.

From 1st April to 15th May 1897.

From 1st April to 15th May 1898.

Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From 1st May to 19th June 1897.

(g) The traffic was interrupted by earthquakes. These figures represent an adjustment made on account of share of foreign railway traffic (h) From 8th April to 19th June 1897.

(i) From 7th to 18th June 1898.

Printed and published for the Government of India at the Government Central Printing Office, Simile.



SUPPLEMENT TO

The Gazette of India.

No. 28.1

CALCUTTA, SATURDAY, JULY 9, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazettrop India will be published from time to time, containing such Official Fuders and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Exceilency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement shearately on a payment of five Rudees for annum if selvered in Calcutta, or eight Rudees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rudees six for annum if delivered in Calcutta or Rudees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 2nd HALF OF MAY 1807 AND 1898.

	TOLE											
	UNHU	SKED.	RICHUSK	CE,	Wai	RAT.	FLOUE (WHEAT).	BAR	LEY.	JAW.	AR
Districts.	1808.	1897.	1896.	1897-	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
				41				1	*	•		
Berma-		7		-				9				
Tenasserim-	. 18'7	80'4	39.1	40.2	. 00		***	141	449	. 401	.6.	***
Tavoy Moulmein and Amheren	18'7	18'7	42'5 59'5	59°5	411	000	000	***	000	***	000	994
Pegu (deitate)-	16'49	25'5	41'99	59'5	,g2'25	96'05	are b		1700 B			***
Thongwa Bassein	16'15	22'95	\$5'25 \$1	68 5 9' 5	966 © ,	4000		000	•••	000	960	989
Pegu (inland)— fienzada	17'85	21°76 17°85	42'67 56 '4	54'4 42'36	***	6.00 *	4,65-	564	000	000	***	200
Upper Burma— Mandalay • • •	18.03	22,1	53.76	89'16	42'84	74.46	***	000	***		***	***
Bamo	10'2.	}	34 to 55'25	}	401	***	500) -pas	401		649	, 000
Pakôkku	17.85	35 '5	42'5	6416	0.00	6.6.0	000	0.00	***	***	004	445
Araban— Kyaukpya	16.12	27"	34 43 152	34 45'22	900	690	020	0.0	400,	•••		PR1
Assam-						* 12 x			. P			
Brahmaputra-				0.00			-					
Godlpåra	18.75	27'5	35	48·75 44·48	450	009	149	•••	•••	841	000	***
Bengal-	100											
Chittagong		001	40 37'5	43'75 43'75	35	47'5	001	**************************************	20	100	***	000
Dittaic— Midnapur Calcutta	400 ·	poc 049	35 35	40 50	36.32	42'5	Opo No obs	000	 	35	22'5	35
Central— Bardwan	490	000	31'25 34'06	44'37 50	37°5 31'41	43'75 43'12	01d 001	***	***	***	800	000
Northern-	000	049	33'75	50	40	55	000	999	***	89+		000
Orissa— - Cuttack	***	***	29'06	33.81	40	48'12	•••	•••	000		•••	- 000
Bihar, south	000	***	25'94	44'37	24'37	36.25	***	400	16.26	30	\$1*87	ets
Bihar, north- Bhagalpur	-0 000	000	28·75 30·73	47°34 53°44	28'75 28'44	42'03	•••	***	18.15	33.38	000	029
NW. Provinces-			٠	-								
Eastern— Benares	33,03	38*59	39'48	56146	27*66	41'36	21.82	48.8	18.50	34'70		
. Central—	21.61	24'79	34.06	48'49 48'44	28'07	40	30'78	47'03	17*97	31.08	17'4	43'91
Jhansi		5	38.07	,	25	40	29'58	47'08	14'43	33.58	14'43	36.08
Meerut	(5	{	88'91	60	27.6	33'33	31'98	***	17'4	31°87	***	***
Submontane, west	800	***	251	667	25	36.35	***	700	13'65		***	40
Oudh-						,	100	111		30,31	•••	•••
Southern	32'84	401	7 38.03	***	26.08	. 1 000	32,03] 	16'3		20	
Northern— Fyzabad	18-8	***	***	•••	27.19	39.00	0.00		17'4	32.66	16'72	400
•							-					1

The figures under "Rice, husked" represent the prices of common rice.

(The Agues represent prices per ten maunds in rupees and decimals of a rupee.)

J. Ba	IJRA.	R	AGI.	M	Ų2E.	G	RAM,	ARHA	R DÁL,		Сит.	
1898,	1897.	1898,	1897.	1898.	1897.	1898.	1897.	,1898.	1897.	1898,	1897.	DISTRICTS.
	1				100 mg	-0				*		Burma-
			,							, a	1	Tenascerim-
	9	- 000 ·		800 .	***	+80	A 400		507	Y	100 -	
***	***	***	100	100	***	000	*US 0.62	10.		***	90P	Moulmein and Amheret.
			• 200	-		0	70.0	2000				Pegu (deltoic)
000	000	994	000	***	600 mm	57'8	27.8		400	101	100	Rangoon. Thôngwa,
000	414	***	S.	444	•••	N = 0.00	. 6	***	***	400	****	Pegu (inland)
4.01	000	440	***	***	940				···			Hensada. Toungoo.
			***	t ge					1	010	***	Upper Burma-
	***		***	***	100	42.62	\$6.48			100		Mandalay.
g**	•••	***	861	Oby yes	0-00	000	***	444	***		0	Bamo.
554	•••	***		***	844	994	***	*** ,	***		7%	Pakôkků.
000		***	***	004	***		100	· · · ·		1		Arakan- Kyaukpyu,
**	1000	•	183	6 4 9	***	***	400	***	0.00	1000	144	Akyab.
			14-4			1/0 1/2		- 77		1		Astam-
					-							Brahmaputra
100	910	000	***	400 see	441	141 265	***	***	000	104	***	Goálpára, Gauhati.
									7	-		Bengui-
		- 1					.===			-		Bastern-
•••	000	000	000	Sale Char	***	33.13	47°5 45	32.2	47'5	350	330	Chittagong. Dacca.
										06-		Deltaic-
7'5	45	0+0/	491 001	20	40	26.32	37.5	35	35	360 330	300 300	Midnapur, Calcutta,
100						27.5	37'5	24120	20.0	240	260	Central— Bardwan
100	949	***	000	***	***	25.31	40	34'37	52°5 46°56	340 400	280	Pabna.
000	004	100		20	40	30	35	52.2	50	370	290	Northern-
			***		40	30	33	34 3	20			Orissa-
993	000	640		***	•••	27'81	30°47	23'44	30'47	357'5	305	Cuttack.
100	700	***		~ 15'94	***	17'5	32'5	16.26	26.26	300	220	Bihár, south-
						ip.						Bihar, north-
00	000	100	***	13'5	42°03	81,00	35'16	20°62 30°73	50	310	242'97	Bhagalpur. Musaffarpur,
							14		`		e	NW. Provinces -
	53'91	150,000	***	**1	\$ 000 G	20'47	38.85	26'98	48.8	345'1	269'84	Bastern — Banaros,
0100					•	-0	-			1		Contral-
8.20	900	999	8 000	12,51	36'25	19'53	41'04	31'98	43'23	276'25	246'15 746'25	Cawnpore. :
		-				31°04		2536	9	20.252		Western-
100	294	900	400	***	39'37	18'75	42:34	27.6	m. +	304'69	248'50	Mecrut.
	***	•••	•••	***	39 37		4- 34	25	21.26	304'74	-40 39	Agra
	***	091	411	***	000	224	39'06	***	***	320	240	- Shahjahanpur.
								•		~		Oudh-
1.46	200	940	989	17.86	400	3203	000	451	ga+	320	900	Southern- Luckanw.
	200	444		17*24	***	19.69	39.00	494	***	290'94	237'08	Northern- Fyzabad,
												•

WHOLESALE PRICES FOR THE 2nd HALF OF MAY 1897, AND 1898 prontinued.

•	WHO	DLESAI	LE PRI	CES F	OR TH	E and I	HALF O		-200			w
	G	ÚR.	SAL	υт.	Товассо	LEAF.	TURMER	tic.	GRA		STRA	
Districts.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
			}									
Tenasserim-				·.,		941		001				\$
Mergai Tavoy Moulmein and Amherst			9.00	***				***	0.7.0 0.6.h	•	•	
Pegu (deltaic) Rangoon				001	000	.N 000	***	***	•••	000	4	101
Thôngwa	• • • • • • • • • • • • • • • • • • • •	100	000	***	600	401	000	.=>		009	•	000
Bassein		-	.3			+				,		
Pegu (inland)— Henzadn Toungoo	6 686	044	•••	2.041 6	***	*** **5	900	949	11/2	p d 0	•	000
Upper Burma- Mandalay Bamo Pakôkku	0 000 0 401		150	***		***		100 400 401	665 chs rr 452	000	e06 e00 eb0	000
Arakan— Kyaukpyu Akyab	0 0.00	200	***	b00 11-	•••		000	***	099 094	694	• • • •	•••
Assam— Brahmaputra— Gostpsta Gauhati		***	*** 0	800	081 N 092	610 040	407	9.08	200 000	€'	***	ecc box
Bengal— Eastern— Chittagong	0 000	***	37°5 37°5	42°5 40	100	120 75	.24	*** ***	30	35	***	000
Deltaic— Midnapur	4	•••	41'25	38.75	57'5 and 63'75	47'5 and 65 70	}	##* *** * \$^ \display	8·75(a)	7(a)	1.87(a) 6(a)	2(a) 5'5(a)
Central— Bardwan Pabna	a	•••	36.25	35	68 75	80	***	***	**	-den	6(a) 10	6°5 (a) 9°37
Northern— Rangput	. 0 A14		40	40	60	35 -	9.6	***	72(6)	17(8)	.14	٠١(٩)
Orissa— Cuttack	•	***	30 62	30	50	50	***	***	20(a)	20(a)	2°62(a)	2.63(a)
Bihar, south-	4	000	36*25	35	39	30	***	404	3'12	3'75	3.18	4°37
Bihar, north— Bhágalpur Muzaffarpur		***	41'56 40	36.32	40	114'37	604	100 610		704	900	\$60 400
NW. Provinces— Kastern— Benaros	43'59	63.75				000			•••		412 0	***
Central— Cawnpore	34'79 57'5		000	000	55	67.55	97.5	80	000	ogo	701	
Western- Meerut			***	***				***	***	440		***
Submontane, west-	45	50'94 100 and	}	***	***		105 and	80	***	***	005	000
		106.26	3	33			110)		428		***	
Oudh — Southern— Lucknow	1		b.,				-	-				
Northern-	47'03	***	000	044	70	400	841	•••	4'01		85	
Fyzabad . ·	33,33	40'94	•••		100	or hundl	100	***	3.81	3144	·	100

and decimals of a rupee.)

VAR ST	TALKS.	He	IUSA.	1 5	HEEP,		GOA:	rs,	PLOCE PAI	CS, PER	Districta		
198.	1897.	1898.	1897	1898	3, 18	97.	898.	1897.	1898.	1897.	•		
		-	þ										
		. •									Burma — Tenasserim—		
				800			***	•••	***	***	Mergui.		
	. 000	A.	***	444		160	***	410	000	100	Moulmein and Amherst.		
d.	200		***								Pegu (deltaje) -		
									400	444	Rangoon.		
]	004	0		•	1	100		***	***		Thôngwa.		
	100			0.04		•••	***		***	410	Bassein.		
	111	***		***		***	987	400	•••				
			-							-	Pegu (inland)-		
.	601					***	000	111	000	993	Touggoo,		
	844	101	-11	* ***		***				2		27	
										440	Upper Burma-		
104	100			007			899	-00		***	Bamo. Pakôkku.		
	441	***			_	***	***	800	***				
											Arakan- Kyaukpyu.		
	804	***				201	440	995	141	600	Akyab.		
0.0	***	•	***	***	•	***	***	***					
											Assam-		
,											Brahmaputra— Godipára.		
	***		***			***	400	4++	000	000	Gauhati.		
49	•••	***		**							-		
											Bengal-		
				1631			•			200	Rastern— Chittagong.		
004	***					***	911	000	200	900	Dacca.		
• 6 5	+03	***	**								Deltaio-		
									***	501	Midnapur.		
	844	***			*	***	449		***	001	Calcutta.		
•••		044	,,		••	404	***						
											Central— Bardwan.		
909						001	100	000	000	900	Paboa.		
9+0	***	**			ber						Northern		
									601	900	Rangpur.		
				••	***	***	***	1			0 :		
									400	004	Orissa— Cuttack.		
400	100				0.00		900	000	1.				
											Bihdr, south-		
914		4		100	440	404	***	***	***	000			
											Bihde, north- Bhigalpur.		
					900	401	000	***		000	Mass Harpur.		
***	100				***	001	040						
											NW. Provinces		
	_	-									Benares.		
				109	***		107	***		***	Central-		
	_				Size .	1		***	***		Cawn pore,		
ezi				009	60	60	800	000	***	641	Junior		
000	•••										Western		
					60	60	***	***		60	70 Mecrut. Agra.		
000	**		100	100	50	45	. 444	***					
										70 pr to	Submontane, west-		
				40	to 90	40 to 90	1 .00	901	25 to	50 25 to			
994	"									• 1	Oudh-		
											Southern		
					35				100		Lucknow.		
0.00		.	100		-						Northern— 28 Fyzabad.		
			***	ào+	800		244	***		26			-

WHOLESALE PRICES FOR THE and HALF OF MAY 1897 AND 1898-continued.

Relpstann— Basters— Agents 2 2733 3753 33733 4443 20 3359 70 4971 Panjab— Sondarum So	DISTRICTS.		CR, .	RICE,	HUSKED,	W	HEAT.		OUR	BAR	LEY,	JAN	YAK.
Rejnitan— Materian Materian Materian Materian Materian Materian Materian Jenish— Southerning Fereigner Jo 30'98 57'13 60 23'54 53'33 31'00 40 12'90 50'98 22'54 42'55 50'00 42'10'00'00'00'00'00'00'00'00'00'00'00'00'	D101 R1010.	1898.	1897.	1898.	1897.	1898,	1897.	1898,	1897.	1898.	1897.	1898.	1897.
Aamerica 3733 35'33 37'33 46'43 7 37'3 37'5 30'5	•				-						-		1
Panjah Ferryal Ferr												į.	
Paughon Sendarum Sendaru		. 33.83	33'33		***	33.33	44'43						42'13
Fercapus	Panjab-							1					No.
Central Labour 24'33 35'53 40'76 56'96 93'54 31'96 23'95 39'37 13'33 26'2 21'97 39'25 21'97 20'25 21'97 21		. 30	30'78	57'13	80	23'54	53°33	32'66	40	12.84		32,34	40
Debth S S S S S S S S S		- 24,32	35'52	40'78	56°09	23.24	31.08	35.03	34'37			21.67	37424
Submittanian	South-eastern-	. 25	33'33	36.32	47'08	26.67	35'57	34'79	40		28.20	18,13	38.07
Rawipindi			34'79	44°43	54'22	23'18	31.08	24'63	33°33	***		0.	50
Mistan		· 14'79	30	23.18	55'78	25	35°57	28.59	38.12		28.54	14°79	36'35
Sara		14'79	29.63	27.55	48'44	29.06	35*52	35°57	41°04	1842			43*23
Sample S													
Shikiraper Quetta Bumbay— Dresse— Dharwar Shulapur Poona Po					CO1#		40						
Bombay	Shikarpur					28.75		1.	***		31,32		
Division		0 001	100	+48	}	36'15	3 45	65	63	25'47	25	20'62	0 33
Dharwar Sholapur													
Poon	Dharwar				***				094	(***		***
Ahmadagar Dhula	Poona												42.55
Surta Ahmadabad	Ahmadnagar	• • • • • • • • • • • • • • • • • • • •											41'2
Central—Provinces—Westerns—Naguur	Surat			1	52.5								
Naguer Central— Jubbulpore	Central Provinces-												
Central					48188								
Berar— Béssim Filichpur	Central-		***		4/75		4-1		55'5	***	4+0	31.10	39'5
Berar— Básim Filichpur Amraoti	Bastern-	•	000	26169	***	30'75	40	36.37	47		***	17'75	400
Basim Ellichpur Amraoti	Kaipur	• •••	***	. 37	51.62	30°5	444	40	***	***		000	***
Sast Coast, central													
Madras— South, central— Combatore Salem	Ellichpur		p4n	66'66	80	44'44	53'33	50	61.59		1	19.23	42'06
South, central— Coimbatore . Salem . Central— Bellary Cuddapah . 26'35 33'33 39'22 49'48				44 3/		43 00	20	50	50.87	***	*** 1	17'5	41.87
Salem Salem													
Central— Beilary Cuddapah	Coimbatore						***						
Cuddapah Karnui		0 000	•••		000	.,,							
East Coast, conth— Netlore Rast Coast, south— Madiga 1 anjore 1 richia opoly Southern— Maduga Mysore 33'66 24'98 43'2 42'05 48'98 58'78 60'34 63'08 14'62 25'6 Bangalore 19'6 27 50'33 49 50'34 50'34 63'08 14'62 25'6	Cuddapah					***	***	***	***				
Rast Coast, south— Madias lanjore linchiaopoly Southern— Maduga 33'66 24'98 43'2 42'05 48'98 88'78 60'34 63'08 14'62 25'6 Bangalore 19'6 27 50'33 49 80'44 50'44	East Coast, central— Neilore	0 000	000	0.00						***	***	***	
Tanjore Prichiaopoly		901-9	acia.				,	***	000	***	000	800	000
Maduqs	laniore .	. 23'7	32'08	47'13	42'19	000							
Mysore	Southern-		***	000	000	***	000	•••		_	_	_	
Mysore	Maduqa	• •••	***	0.00	001	***		***	•••	****	***	26.67	22'86
Bangalore	yeore												
Bangalore 19'6 17 50'33 49 50'44 55'95 45 50	Mysore	33'66	24'98	43'2	42'05	48'98	58'78	60:34	63'08			1000	and
33'50 32'5	Bangalore	19.6	17)	55'87	47'04	48'10			23'51	32.2

(The figures depresent prices per ten maunds in rupees and decimals of a rupee.)

В	AJRA,		RAGI,	1	IZE,		RAM.	1	AR DÁL.	1	GHI,	rupee.)
1898,	1897.	1898	1897.	1898.	1897.	1898.	1897.	1898,	1897	4898.	1897.	DISTRICTO.
					0		-	-				
			•						}			Rajputana-
2	5 44 4.	3	754	20	34'74	24'06	44'43	044	odo	336.8	7 278.23	Sastern-Ajmere.
A	1	•										Panjab-
2°24	44'43	•	•	16.67	38'07	17'4	35'47	57.13	61'56	340	320	Southern-
22'19	45'7	3	•	14'06	53 '33	18.00	33'49	41'04	59'27	355'52	308.75	Central-
17'40	44'43			17'39	44'43	30	38'07	30.78	44'43	380	284'43	South-eastern- Delhi.
999		***	000	000	***	17'86	33'33	***			320	Submontane-
19'06	45'73	***	444	17'34	25	21'04	36.32	50	41'87	336*87	278.13	Northern-Rawalpindi.
19'00	40	***	***	21'04	42'03	31.3	35.23	114		376.41	304'79	Western-
27'5	40											Sind and Baluchistan
10.00		• • • • • • • • • • • • • • • • • • • •	900	***	***	25'31	40'62	***	004	400	355	Karáchi. Shikárpur.
200	***		***	29'17	47'5	***	004	•••	***	360	330	Quetta.
												Bombay
27.55	***		***	000	000	0.00	***	***	***	***		Dharwar, Sholapur,
-/ 33		***		000		****	48'91	***	000	***	***	Poona.
200	45'57	80+	800	000	909	000 bss	49'32	***	***	000	***	Khandesh— Ahmaduagar, Dhulia,
000	41125	•••	3 000		000	000	40			000	***	Gujarat- Surat.
								***	704	***	350	Ahmadahad,
												Central Provinces
	•••	***	***	***	***	25	44	27	56'5	366.69	264	Western— Nagpur.
***		***	•••	***	000	21.63	40	30.72	53'31	260	235	Central— Jubbulpore.
+00		046		•••	0.54	23'5	43'31	33.2	29,10	280	260	Bastern- Raipur.
												Berar-
30.76	50	000		900	•••	34'78	50	33°33	67.5	320	320	Basim, Ellichpur,
25	57'10	000	***	***	***	31.42	50	30	61.56	325	130	Amraoti,
												Madras-
 80.03	55,2	23'38	81.72	***	000	40	45.63		***	400 342'92	456°87 359°95	South, central— Coimbatore.
N 9 0	0.00				000	40	47°08	***	500	380°42	356.61	Salem.
10,51	32.76	***		•••			47 00	000	000	333°33	316.67	Hellary. Cuddapab.
,	040	400	*4*	***	000	***	***	***	***	000	***	Karnul, Rast Coast, contral
***	***	25'94	23'29	***	***	•••	***	31'41	39 '69	001	885	Nellore.
***	***	24*08	***	***	***	46'04	45.83	***	000	235,11	320,04	Bast Coast, south — Madras. Tanjore.
	***	24'95	20'21	***	0.00	•••	***	***		***	***	Trichinopoly. Southern—
***	36'09	000		•••	044	***	30,00	30,00	***	***	900	Madura.
												Mysore—
F4+	***	19'59	10'59	0.00	***	26.43	26'03	75'43	60'34	346'62	354	Mysore.
	***	33.81	24'56	000	***	33'32	30'5	47'04	55	377'02	428'12	Bangalore.

WHOLESALE PRICES FOR THE 2nd HALF OF MAY 1897 AND 1898 -concluded.

			G	R.	SA	LT.	TOBAC	CO LEAF.	Tura	ARRIC.	GR	ASS. o	STR	AW.
Districts.			1893.	1897°.	1898,	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Rajputana											•	•		
Kastern-						}							6	
Ajmere	•		50	50	201	***	***	000	***	***	5	5	5	5
anjab-		2									-	e. 8		13
Southern-				2			20		554520	100	0.000	401	3,2	6.6
Ferozpur	•		***	960	000		50	70	114'27	100	3'28	Ç.		
Lahore	•		***	***	***	***	57'13	57'13	123'07	80	10	13.38	4'22	5.0
South-eastern-				•			80	80	118'54	100	6.67	7:39	3,01	711
Submontane -			400	***	***	***								1
Amritsar	•		***	801	***	811	041	840	115	644	800	4'01	3'8	41
Northern- Rawalpindi			249		• ***	***	40	40	110'31	89'48	's	5	4*82	
Western-					•									
Multan	•	•	4 * *	***	100	900	100	100	133'33	100	3.416	3.02	3'96	51
sind and Baluchistan-														
Karáchi			***	100	***		0.00		400	86'25		4'01	000	
Shikarpur			47'5	100	100	004	444	914	100	890	101	***	000	***
Sombay-														
Deccan-												e		
Sholapur			001	**1	241	000	904	100	1000	***	***	***	000	000
Khandesh-			049	68'44	1641	220	***	100	***	***	000	4	944	***
Ahmadnagar. Dhulia	0		0.01	***	450		890	2 3	***	•	000	200	000	
Gujarat-	•		, ***	***	***	000	688	000	***	mat	***	000	***	***
Surat	•		801	588		400	0.04	•••	***		***	***	141	450
Captral Provinces -	•		993	88+	000	2.00	100	040	442	001	# 6 *	***	494	*10
Western-														
Nagpur	4	-	***	041	* 861	***	901	000	410	***	961	000	001	
Central — Jubbulpore	0				40	39	60	80	120	110	4	6.60		
Bastern-			•••	•••	ąD.	39	00	90	120	110	001	0.00	201	***
Raipur			040	000	42	40	180	160	95	58.2	004	***	009	***
erar—														
Basim Ellichpur			***	000	009	840	200	228	90	76'25	***	6.25		040
Amráoti	•	-		***	041	000	180	800	135	100	'25(a)	°5(a)	111	999
South, central-														
Coimbatore			56.87	65'62	0.0.0	***			100	57.5			2'5	91
Central-	٠		***	400	***	****6	128'49	102'76	68.24	63.45	000	000	6.26	6.
Beltary Cuddapah			47.6	45'47	***	***	***	804		•••				
Karnul .			***	• •••	0 0 0	***	999	100	55	33'33 46'15	***	941	000	000
Rast Coast, central-									0-			***	***	400
Bast Coast, south-	•	1	***	***	***	000	840	***	***	000		***	4'37	413
Madras			57.6	47'71		000	131.67	131'67	57.6	57.6			900	000
Trichinopoly			***	***	000	***	118'28	118'28	***	***	200	101	200	***
Southern Madusa														-
			***	190	000	801	186'77	89'69	***	100	4	141	4'27	418
ysore— Mysore			60:	1818					150					
Bangalore .			68.56	46'62 59'84	800	000	374	374	101'29	77'92	10'71	10'71	7'14	71
		-	-	-		000	340 /3	94.03	85'69	58.95	16.67	14'69	12'5	81.0

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR	STALKS.	Ви	Pusa.		BEP,	Go	PATS, SCORE,	BULL	LOUGH OCKS, PKI	R R
18987	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.		Districes.
5	5		•	140	140	040		80	80	Rajputana— Eastern— Ajmere.
			•	50	50	***	***	75	75	Panjab — 9 Southern — Ferozpur.
		 0		100	100		***	105'23	86	Central— Labore.
4'43	10	***	010	бо	бо	***	444	125	125	South-eastern - Dolhi.
***	001	***	***	***	80	*4*	201	***	***	Submontang — Amritan.
6.67	7'97	1	***	60	55	***	***	бо	60	Northern— Rawalpindi.
7'24	10	*** *	-&	50	30			70	70	Western- Multan,
001	4'01	695	10	 40 to 140	95 40 to 140	000 900 900	500 005	000 000 000	***	Sind and Baluchistan 4 Karáchi. Shikarpur. Quetta.
***	000	0	600	***	004	800	000	***	400	Bombay— Deccan— Dharwar.
***	9 0 0 V 0 0	***	• · · ·	200	***	984	949	900	800	Sholapur, Poona.
800	***	***	444	***	***	***	0	000	***	Khandesh-Ahmadnagar, Dhulia.
200	***	000	***		***		•••	400	***	Gujarat— Surat, Ahmadabad,
094	8	400	***	6o	60	***		70	70	Central Provinces— Western— Nagpur.
***	•••	••-	***	40	40	***	200	25	40	Central— Jubbulpore,
***	400	•••		040	***		***	184	000	Raiper.
3 1'75(a)	7°5	***	***	56 50	60 50	340 300 300	200 do-	 60 90	 50 90	Berar— Básim. Ellichpar. Amnáoti.
2.2	484	.00	60;	95 8o	8o 8o	95 80	8a 8o	6o	6 0	Madras— South, central— Coimbatore. Salem.
000 000	***	000	500 500	100	60	100	60	120	70	Central— Bellary. Cuddapah. Karnul
411	***	***	***	-40	000	900	464	•••		East Coast, central— Nellore.
***	000 000	***	2+0 55+ 452	55 80	55	55 80	55	***	900	Hast Coast, south— Madras. Tanjore. Trichinopoly.
***	0.00	000	***		***		400	40	40	Southern- Madura.
3'29	3,30	***	***		100 0 to }		•••	70	50 50 to 80	Mysore. Bangalore.

(a) Per 100 pullies weighing on an average 748 ibs.

J. A. ROBERTSON,
Offg. Director-General of Statistics.

STEPHEN JACOB,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 2nd HALF OF MAY 1898. . (The figures represent

	Half-	EAT.	BAR	tLav.	1					K.U.M	CUM	
					Best	sort.	Com	mon.	(Sorg	dre).	(Penic	illaria nta).
	month of report.	Pre- vious half- month.	Half- month of report,	Pre- vious half- month.	Half- month of report.	half-	Half- month of report.	Pro- vious half- month.	Half- month of report.	vious half-	Haif- month of report.	Pre- vious half- month
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the number of sers (of 80 tolas) and chittacks sold for one rupes.)

RAGI	UA OK (Alow core-	KATOR R ITA	NONI ARUN, LIAN LIAN Caria ica).	GR CHK CHC KAD	AM, NNA, DEA,	MA	tzu Haye),	Ann The GAR	AR, OR LUR, DJAN RA Canus Sicus).		ALT.	DISTRICTS.
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RETAIL PRICES FOR THE 2nd HALF OF MAY 1898-continued. (The Agures

	1					Ri	CE.			ROR	SATE	
	W	EAT.	BAR	LEY.	Best	sort.	Com	mon.	(Sork	ikum ar s .	(Penic	anv illaria ita).
DISTRICTS.								1 5				-
* ,	Halt- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	of	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	month	Pre- vious half- month:	dialf- month of report.	vious
engal—continued.										•		
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Northern- Rangpur	. 8 -	8 —	260	***	7 32	8	11 13	12 -	194	• 6)	***	
Dinajpur	• 10 12	12 —	9.04		9 10	9 10	13 —	13 4	144	***	100	461
Jalpaiguri	. 10 -	10 -	***	0.00	5 —	5	12 -	12 —	***	(•••	
Hills— Darjeeling	- 7 -	7 —	8 —	8 —	5 -	5 8	11 -	10 -	***	***	***	***
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Cuttack	9 3	813	800	***	10 8	10 8	13 2	13 13	***		460	786
Chota Nagpur-	. 8 -	13 -	10 -	10	12 -	12	13 8	14 -	***	4	- 00	***
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represent the number of sers (of 80 tolus) and criticols sold for one rupes.)

RAGI	UA OR (Kiou- coro- na).	OR KA ITAL MIL (Set		GRACHO CHO RADA OR SU (CIC	NA, LAY NAGA		IZE Have).	GAE (Caj	AR, OR IUR, DIAM RA GBHS CHSI.	Sai	LT.	Description	•
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000	000	15 -	15 —	19 —	18 8	840	5+1	23 —	22	10 4	10 4	Allahabad.	
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801	000	14 -	14 -	22 -	23 -	***	***	30 -	26 -	12	12	Muttra. Aligarh.	
901	044	14	14	19 .8	19 8	34 -	24 -	14 8	14 8	11 -	11 -	Bulandshahr.	
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***	20	000	***	15 8	15 8	20	19 -	30 — 14 12	19 -	10 -	10 -	Azangarh- Gorakhuus-	
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RETAIL PRICES FOR THE 2nd HALF OF MAY 1898 -continued. (The Agurea

	The children was the first highly and it is a fine of the children with the children of the ch		R	ucs.	PAWAR OR	BAIRA DE
DISTRICTS.	WHEAT.	BARLEY.	Best sort.	Common.	(Sarghum unigara).	CUMBU (Penicillaria spicata).
	Half- Pre- month vious of half- report, month	month vious	Half- Pre- month vious of half- report month	of half-	of hall-	month vions
NW. Provinces-contd.						
Submontane, west— Shahjahanpur	16 - 14 1:	29 4 26 —	5 4 5 4	11 4 11 4		•••
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Musaffarnagar	14 13 13 11	27 8 20 14	5 - 5 -	n - n -	17 8 18 2	22 - 22 -
Saháranpur	15 5 14 2		4 13 4 13 5 — 5 —		18 4 18 4	13 15 13 15
Hills— Naini Tal Almora Garhwal	11 — 10 8 12 8 12 8 10 — 10 —	16 - 16 -	3 8 4 - 5 - 5 -	8 - 8 - 9 - 9 - 10 - 10 - 10 - 10 - 10 - 10 -	••• 4	17 - 17 -
Oudb-						860 200
Southern-Partábgarh	15 8 16 15 12 15 4		5 8 5 8	9 - 10 4	20 8 20 8	000 000
Rac-Bareli	15 8 14 — 13 12 14 —	24 - 23 -	5- 5-	10 8 10 8	15 - 16 -	15 - 15 -
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	14 4 13 12 15 2 14 12	23 - 31 - 26 8 25 3	5 - 5 - 8 -	10 - 10 -	10 - 18 -	to 21 -
Bahraich	16 — 15 8 15 8 14 — 17 — 14 6	26 8 25 3 33 - 30 - 27 - 28 - 31 - 29 8	8 - 8 - 6 - 6 - 6 - 5 - 11 - 11 8	11 2 11 2 9 - 9 - 11 - 10 8 12 4 12 8	25 — 24 — 25 — 20 —	15 - 16 8
Rajputana— Kastern—						000
Bánswára Meywar (Udaipur) Hilly Tracts of Meywar Sirohi	15 — 16 8 13 2 14 6 13 10 13 10 16 8 16 — 12 — 12 8	25 8 30 — 13 12 12 8 19 14 20 5 22 — 19 — 20 — 20 —	7 8 7 8 6 4 6 4 7 13 8 3	11 4 11 14 8 3 8 9 10 - 10 -	17 17	14 13 14 7
Ajmere	2 II 12 7 2 8 18 8	20 8 20 134	5 - 5 -	8 - 8 8	15 - 18 -	13 - 13 - 18 6
Wishman h	1 2 10 5	11/2 17 2	5 8 5 8	6 8	14 2 14 -	17 - 17 -
Kotah Jhailawar	6 4 10 4 7 2 17 4 6 3 15 31	25 8 25 6 25 8 25 4 20 101 24 4	7 8 7 8 6 10 6 10 7 1 6 13	7 8 7 8	29 8 29 8	16 4 16 8 14 4 14 4 16 84 16 4
Jaipur	3 8 13 -	21 - 20 4	4- 4-	7 - 1.7	31 0 31 0	000 000
Dhoipur	6 3 16 6	26 4 26 14	9 6 9 6	10 10 10 10	26 14 28 2	8 8 to —
Alwar .	6 3 16 1 4 154 14 11 5 2 14 12	27 2 27 2 24 101 25 8	5 12 5 12	6 2 0 2	6 8 22 12	4 13 26 124 18 2 28 14
Malman Malman		23 8 25 8	5 8 5 8	8 8 8 8	10 - 2y -	3 2 24 1 11 — 21 — 7 — 17 —
Apadra	1-& 11-& 2 8 12 8	18 —	5 8 5 8 6 4 6 2	7 8 7 7 7	1	9 8 19 8
Shahpura	6 - 15 -	28 - 25 -	7 8 7 8		6	0 - 20 -
Jodhpur	8 11 9	16 0 16 4	6			
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Indore						3 - 14 -
Nimach Cantonment	8 14 8	20 - 20 -	7 8 7 8			0 - 20 -
njab-	10 10 10	19 101 19 2	4 124 4 126	2 - 2 - 2 - 4		9 - 19 - 1
bissar	- 16 ~	34 - 32 -				· ·
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Lahore	- 14-	25 - 25 -		10 - 0 -		
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		157 -				7 - 10 -

represent the number of sers (of 80 tolses and chittacks sold for one rupes.)

RAGI	UA OR (Biev- core- ma).	OR K	NON! OARUN, LIAN ELET Geris	GME EAT OR 3	RAM, ENNA, OLA, OALAY UNAGA Green ENNMS),		AIZE Mays).	GA (Ca	AR, OR HUR, DIAN PEA Janus Janus	s	ALT.	
Half- month of report	half-	month	vious	Uf	Pre- vious hait- month.	of		10	vious half-	of	Pro- vious half- month	
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17 3 20 -	17 3 20 —	17 3	17 3	18 8 19 1 16 12 11 8 11 4 6 -	17 4 19 — 16 1 11 — 11 — 6 —	26 Q3 26 14 31 —	27 8 26 14 31 —	8 12 9 11 10 — 8 — 8 8 5 —	8 t3 9 t1 10 - 8 - 8 - 5 -	11 4 10 — 8 — 8 — 6 —	8 - 8 - 6 -	Bijnor. Muzaffarnagar. Saháran per. Dehra-Dún. Hills- Naini Tal. Almora. Garhwál.
18 —	16 —	14 —	15 —	18 8 21 - 18 - 18 12 18 31 21 - (18 8	18 — 21 8 17 — 19 8 18 5 20 —	 19 — 16 — 22 8 22 — 		16 — 24 — 15 — 14 — 23 4 14 —	16 — 24 — 15 — 13 — 22 14	10 11 10 11 11 4 11	10 8 11 11 8 11	Outh — Southern a Partabgarh, Sultanpur, Rae-Bareli, Unao. Lucknow, Hardoi,
969 947 947 994	000 010 010 000 000	8 — 12 — 15 — 16 —	8 — 11 12 . 13 — 16 —	20 8 20 8 23 - 23 - 20 -	19 — 20 48 22 8 22 — 18 8	18 22 8 26	19 — 22 8 26 —	to 17 — 17 — 25 8 27 — 17 — 25 4	16 8 16 - 25 8 26 - 17 - 23 14	to .1	\$11 - 11 8 10 6 10 - 11 - 10 14	Northern — Ryzabad. Barabanki. Gonda. Bahraich. Sitapur. Kheri.
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00-	000	21 21 14 15 12 22 8 14	21 14 15 12 22 8 14 —	18 14 19 — 18 1 18 — 16 8 & 17 8 21 14 23 124 22 3 20 1 20 2	18 4 22 3 25 14	30 12 32 14 30 11 20 8	30 12 22 12 29 106 23 — 25 — 24 8	9 8 13 14 19 - 21 14 26 31 21 8 23 84	8 8 11 5‡ 19 — 26 14 26 13 22 — 22 12	10 4 10 7 10 4 10 4 12 — 10 15 41 42 11 12 12 8	10 4 10 6 10 8 80 8 12 8 10 15 11 8 11 12 12 8	Kishengarh. Bundi. Kotah. Jhailawar. Tonk. Jaipur. Kerauli. Dhoipur. Bhartpur. Alwar.
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‡	‡	+ 18 -	18 —	23 -		† 34 —	† 25 —	7	7-	12 8	12 8	Panjab — Soutagen — Hissar. Ferospur. Contral —
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RETAIL PRICES FOR THE and HALF OF MAY 1898-continued. (The figures

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			WHE	AT.	BARL	æv.					GHOL (Sorgi	el M	BAJRA CUM (Penici	HU
Districts.							Best s	ort _s	Comm	IOB.	vuiga		spicat	
			Half- month of report-	Pre- vious half- month,	Hali- munth of report,	Pre- vious half- month,	Half- month of report.	half-	Half- mouth of report.	Provious half-nonth.	Halfy month of ropdrt.	half-	Half- month of report.	Pre- vious half- month.
Panjab-continued.														
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Submentane— Ambala		• •	17 — 18 — 16 —	15 — 16 — 16 — 16 — 16 — 14 —	26 - 28 - 24 - 24 - 24 - 24 - 24 - 24 - 24	23 — 24 — 24 — 24 — 28 — 23 — 23 —	000 000 000 000 000	000 000 000 000	10 — 8 — 9 — 10 — 10 — 9 — 11 —	10 - 9 - 10 - 10 - 9 - 11 -	25 — 21 — 18 — 17 — 25 — 17 — 20 —	25 - 18 - 17 - 20 - 17 - 2	20 21 16 16 11 15	20 — 21 — 18 — 17 — 11 — 16 — 15 —
Hills— Simla			12 -	12 - 14 :-	17 —	15	044	***	8 -	9 -	16 —	17 —	16 -	15-
Northern— Rawalpindi				15 — 14 — 14 — 17 — 22 —	29 — 27 — 25 — 18 — 32 —	30 — 26 — 28 — 19 — 38 —	000	001 001 000 000	8 — 9 — 8 — 12 — 13 —	8 — 9 — 8 — 12 — 13 —	36 - 16 - 41 -	26 -	21 — 16 — 17 — 21 — 31 —	22 - 16 - 18 - 26 - 38 -
Sháhpur			19 — 14 — 16 — 19 —	18 — 17 — 12 — 13 — 15 — 14 — 14 —	31 — 24 — 22 — 23 — 24 — 21 — 23 —	30 — 26 — 22 — 22 — 24 — 21 — 23 —	100	000	7 — 10 — 14 — 10 — 7 — 15 — 14 —	7 10 14 10 15 14	16 25 16 17 21	16 23 16 18 33 17 23	20 - 20 - 20 - 1 26 - 17 - 23 -	18 — 21 — 1 28 — 17 — 23 —
Sind and Baluchistan—														
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Kenhan— Karwar		• • •	400	8 13	000	000	7 10 10 2 9 — 5 12 8 13	7 10 10 2 9 — 5 12 9 4	9 2 10 11 9 14 9 2 10 3	9 2 10 11 9 14 9 12 10 10		12 6 13 6	12 9 10 15 12 9 13 8	12 10 1, 12 1,
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Central Provinces -														
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represent the number of sern (of 80 toles) and chittache sold for one rupes.)

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liaif mont of repor		Haff- month	vious half-	Holf- month	Рго-		Pre- vious half- month	Half mont	h vious	munth	half-	
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21 -	21 -	10	10 - 10 - 12 - 12 -		20 — 23 — 22 — 21 — 21 — 20 — 18 —		27 — 28 — 24 — 26 — 25 — 23 — 23 —	8-	İ	8.5	12 13 12 12 12 12	Ludhiana. Jalandhar. Hoshiárpur. Gurdaspur. Annitsar.
14 -	14 -	10 -	8	15 -	14	17 —	19 —	8 -		8 8		
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RETAIL PRICES FOR THE and HALF OF MAY 1898 -concluded. (The figures

									1.						Ri	CE.		JAWA		BAJR	
										av n	KAT.	BAR	LEY.	Best	mort.	Com	non.		hum e are).	(Pensci spica	lleria
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"Net sold.

represent the number of sers (of 80 tolas) and shittacks sold for one rupee.)

Dist	SALT.		ARHAR, OR THUR, CADJAN PRA (Cajanus indicus).		MAIZE (Zea Hays).		AM, NNA, DLA, ALAY INAGA COP MUM).	CHE CHE KAD OR SI (CI	AKUN, LIAN LET gria ica).	OR K. ITAI MIL (Set	(Kleu- core- ia).	RAG1
re- ous alf-	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report	Pre- vious half- month.	Half- month of report.	Pre- vious half- month	Half- month of report.	Pre- vious half- nonth.	Ifalf- month Peport.	Pre- vious half- month	Half- month of report
Control Nassinghour, Saugor, Danoh, Jubbulpore, Mandla, Sconi, Bálághát, Bhandára,	9 1 10 — 9 8 9 — 8 —	9 2 10 11 9 2 9 12 9 8 9 —	13 12 13 — 9 1 12 8 13 — 12 — 12 8 14 15	12 — 13 — 11 + 12 8 13 — 12 8 13 12 14 2	080 000 000 000 000 000	000 000 000 000 000 000 000	16 — 17 — 20 — 17 8 27 — 16 — 16 — 17 8 15 12	16 — 17 8 21 13 18 — 27 — 16 — 16 — 17 8 16 13	000 000 000 000 000 000 000	000	001	0 000 000 000 000 000 000 000 000 000
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Basim. Akola. Ellichpur. Amraoti.	12 12	9 4 13 8 10 — 11 — 9 8	10 — 15 12 10 12 10 12	9 4 16 — 11 4 16 — 13 — 22 —	000 000 000 000	000 000 000 000	16 — 15 12 13 4 11 8 12 — 12 —	15 12 16 — 13 12 11 8 12 —	000	001 00- 00- 40+ 40+	661 64. 601 604 604	000
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South, central— Coimbatore. Nitgiris.	11 13	11 2 10 10 11 5	•••	100	***	707 P60 0,00	### ###	001	00,	•••	:6 6	16 6
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Bangaiore. Kolar. Tumkur. Hassan. Kadur. Shimoga.	10 12 9 15 10 — 11 — 10 — 9 — 10 8 8 —	10 12 9 15 10 — 11 — 10 — 10 8 9 —	10 8 11 - 11 - 11 8 13 - 11 - 12 10 13 -	10 8 11 — 11 8 12 — 11 —	***	000 000 000 000 000 000	711 8 - 8 8 - 9 6 8 6	8 12 11 — 8 — 8 — 8 — 8 — 8 — 8 —	000 000 000 000 000 000 000	18 -	17 13 20 — 24 — 24 — 24 7	
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· Not sold-

J. A. ROBERTSON,
Offg. Director-General of Mattestic.
SIEPHEN JACOB,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE TWELVE MONTHS ENDING WITH THE 31st DECEMBER, 1897.

> No. 403 R. Stat., dated Simla, the 28th June 1898. RESOLUTION-By the Government of India, Public Works Department.

Read again-Government of India order No. 402 R. Stat., dated the 9th October 1896. Government of India order No. 263 R. Stat., dated the 17th June 1897.

The following note by the Director of Railway Traffic, dated the 17th June 1898, with abstract returns of accidents to trains, etc., on the open lines of railway in India for the twelve months ending with the 31st December 1897.

I .- Accidents to trains, rolling stock, permanent-way, etc.

Accidents to trains, rolling stock, permanent-way, etc, during the twelve months ending with the 31st December 1897, as shown under abstract No. 4 on pages 1232 and 1233 of the accompanying returns, caused the death of 47 and injury to 178 persons. The table below shows that the number of persons (both killed and injured) was very much in excess of the average of the two previous years, mainly due to the accident at Gholvad station, on the Bombay, Baroda and Central India railway, on the 9th January 1897, in which 5 persons were killed and 24 injured; to the collision at Howrah station, on the East Indian railway, on the 15th April 1897, in which 20 passengers were slightly injured; and to the failure of the Malur bridge between Channapatna and Mudgeri, on the Southern Mahratta railway, on the 23rd September 1897, in which 20 persons were killed and 18 injured. The total number of accidents was also considerably above the average:

	Number.			PASSI	BER OF ENGERS OTHERS,	Number of Servants.		TOTAL ALL CLASSES.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act (IN of 18:0).	Other accidents.	Total.	Killed.	Injured.	Killed.	lajured.	Killed.	To an and a second
Standard gauge. Twelve months ending with the 31st December 1897 Average of the two previous years Metre gauge.	99 9 5	2,671 2,305	2,770	(a)11 (b)14	(a)110 (c)58	13	23	24	133
Twelve months ending with the 31st December 1897 Average of the two previous years Special gauges.	119 92	1:004 1:948	2,023	16	(d)29 (a)20	5 5	15	21 14	44 29
December 1897 Average of the two previous years	31 12	65 58	95 70	(f)2	(g) 1	***	3	2	ľ
Total all gauges for the twelve months ending with the 31st December 1897. A verage of the two previous years.	249 199	4,640 4,311	4,889	(h)29 (h)23	(i)140 (j)78	18	38 39	47	178

Out of these, five were not passengers.
Out of these, four were not passengers.
Out of these, sight were not passengers.
Out of these, six were not passengers.
Out of these, three were not passengers,
Net passengers.
Not a passenger.
Out of these, seven were not passengers.
Out of these, twive were not passengers.

Out of these, thirteen were not passengers.

The following table compares the variations in the mean mileage worked, the train-mileage run and the number of accidents with the average, and shows that, with an increase of 5.51 per cent in the mean mileage worked and of 5.87 per cent. in the train-mileage run during the twelve months ending with the 31st December 1897, the number of accidents increased by 379 or 8 40 per cent. as compared with the average of the two previous years:—

• •		•			INCREASE OR DECREASE AS COMPARED WITH THE AVERAGE OF THE								
•	•	ia			. Acc	DENTS.	MEAN M	ILFAGE.	TRAIN-MILEAGE.				
•		•	•		Number.	Per cent.	Miles.	Per cent.	Miles.	Per cent.			
Standard		•	,			27							
	•	0	•	٥	+370	+ 15 42	+584	+5'19	+ 2,548.745	+5.72			
Metre				•	-17	- 083	+472	+5.99	+1,261,232	+6.16			
Special	•	•		•	+26	+ 37:14	+13	+ 489	+35,197	+7.72			
		•То	PAL	đ	+379	+ 8'40	+1,0'9	+5.21	4 3,845,274	+5.87			

3. The following table, showing the principal increases and decreases in the number of accidents of different classes on the standard, metre and special gauge lines, brings out the fact that, although the general total showed an increase, there were large variations in the number of accidents of different classes as compared with the average of the two previous years:—

	INCRE	D		
GAUGE AND CLASSIFICATION. •	Serious.	Minor.	Total.	Percentage of in rease or decrease.
Standard gauge.				
Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line. Collisions between goods trains or parts of goods trains. Goods trains or parts of goods trains, engines, etc., leaving the rails	+12	—19	+11	+55'00 -25'00
Trains running over cattle on the line Trains running over obstructions on the line The bursting of tubes, etc., of engines The failure of machinery, springs, etc., of engines Under the head "Other accidents"	-4 +1 -8 	-22 +234 -12 +49 +96 +30	-26 +235 -14 +49 +96 • +27	-20'47 +23'40 -14'74 +49'00 +29 72 +18'24
Metre gange.	-			
Trains or engines travelling in the wrong direction through points. Trains running over cattle on the line The bursting of tubes, etc., of engines The failure of machinery, springs, etc., of engines The failure of couplings The failure of couplings The flooding of portions of permanent way Fire in trains Under the head "Other accidents"	-5 -1 +10 +3 +5 -1 -5		-17 +42 -33 -45 +20 +17 +31 -26 -25	-28.81 +3.89 -50.00 -15.62 +47.62 +14.91 +93.94 -43.33 -28.74
Special gauges.				
Passenger trains or parts of passenger trains leaving the rails Goods trains or parts of goods trains, engines, etc., leaving the rails Trains running over cattle on the line	+24 -4 -1	-2 -8 +16	+22 -12 +15	+366.67 -66.67 +150.00

It will be observed from the foregoing that the increases on the standard gauge lines occurred under "Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line," 11 accidents or 55'00 per cent.; under "Trains running over cattle on the line," 235 accidents or 23'40 per cent. partly due, it is believed, to the drought and consequent scarcity of fodder, villagers having in many cases driven their cattle oh to the railway line to graze, and partly also to the opening of new lines; under "The bursting of tubes, etc., of engines," 49 accidents or 40'00 per cent.; under "The failure of machinery, springs, etc., of engines," 96 accidents or 29'72 per cent.; and under the head "Other accidents," 27 accidents or 18'24 per cent. On the metre gauge railways under "Trains running over cattle on the line," 42 accidents or 3'89 per cent.; under "The failure of axles," 20 accidents or 47'62 per cent.; under "The failure of couplings," 17 accidents or 14'91 percent.; under "The flooding of portions of permanent-way, "31 accidents or 93'94 per cent.; and on the special gauge lines under "Passenger trains or parts of passenger trains leaving the rails" 22 accidents or 366'67 per cent.; under "Trains running over cattle on the line," 15 accidents or 150'00 per cent., possibly due to the cause noted above.

4. Under the head "Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line," the largest number, vis., 10, occurred on the East Indian railway; under the head "The bursting of tubes, etc., of engines" the largest number, vis., 40, occurred on the North Western State railway, next to it comes the Madras railway with 39 accidents; under the head "The failure of machinery, springs, etc., of engines," the largest number, vis., 102, occurred on the East Indian railway, lext to that line come the North Western State with 96 and the Great Indian Peninsula and the Bombay, Baroda and Central India railways with 78 and 75, respectively; uncer the head "Other accidents," the largest number, vis., 46, occurred on the East Indian railway, next to that line come the Great Indian Peninsula and the North Western State railways with 40 and 34 accidents on each, respectively; under the head "The failure of axles," the largest number, vis., 31 occurred on Southern Mahratta railway; under the head "The flooding of portions of permanent-way," although the largest number, vis., 26, occurred on the Morth Western State railway, the increase as noticed above (vide paragraph 3), occurred on the Southern Mahratta railway; under the head "Passenger trains or parts of passenger trains leaving the rails," although the largest number, vis., 14, occurred on the Eastern Bengal State railway (metre gauge section), the increase under this head, as noticed above, occurred on the special gauge lines, the largest number on these railways having occurred on the Darjeeling-Himalayan railway, vis., 9, next to that line comes the Jorhát railway with 6 accidents.

5. The number of cattle accidents was largest on the Southern Mahratta railway, vis., 299; next comes the South Indian railway with 290, then the North Western State railway with 211, the East Indian railway with 187, the Eastern Bengal State railway (standard gauge section) with 169, and the Rajputana-Malwa railway with 162.

In relation to the train mileage run, the highest proportion was on the Cooch Behar railway, which gave an average of 1 accident in 4,548 train-miles run; the Assam-Bengal railway coming next with an average of 1 in 5,971; then the Morvi, the Jodhpore-Bickaneer, the East Coast State and the Eastern Bengal State (standard gauge section) railways with averages of 1 in 9,604, 1 in 10,588, 1 in 11,064 and 1 in 12,025, respectively. The lowest proportion was on the Great Indian Peninsula railway, vis., 1 in 245,859 train-miles run, the Gaekwar's Dabhoi railway coming next with in 92,318, then the East Indian railway with 1 in 70,625, the Burma railways with 1 in 58,475, the Bombay, Baroda and Central India railway with 1 in 53,737, and the Oodeypore-Chitor railway with 1 in 45,707.

6. Taking the total number of accidents to trains, rolling stock, permanent-way, etc., on each railway, as given in table No. 3, the proportion of accidents to train-mileage run was highest on the Cooch Behar railway, on which accident occurred on an average in 1,516 train-miles; next comes the Rajpipla

railway with 1 accident in 1,812 train-miles; then the Jorhat, the Assam-Bengal, the Rohilkund and Kumaon (including the Lucknow-Bareilly section), and the Dibru-Sadiya railways with averages of 1 in 2,236, 1 in 3,008, 1 in 4,576 and 1 in 4,588, respectively. The lowest portion was on the East Indian railway, 518, 1 in 25,447, the Great Indian Peninsula railway coming next with 1 in 24,923, then the Burma railways with 1 in 22,101, the Oudh and Rohilkhand State railway with 1 in 18,672, the North Western State railway with 1 in 17,429.

II .- Accidents from other causes not involving accidents to trains, etc.

7. The casualties to passengers, servants in the employ of railways or of contractors, and to others, from causes not involving accidents to trains (which are detailed in abstract No. 2) are compared separately, for each gauge, with the average of the two previous years in the table below:

•	TW	/ELVE	MON 318T	IT HS I	ENDIN	IG WI 1897.	TH TE	16	AVE	RAGE	OF T	HE T	WO PF	EVIO	US YE	ARS.
GAUGES.	PASSE	NGERS.	Seav	ANTS.	Отн	ERS.	Tot	AL.	PASSE	GERS.	SERV	ANTS.	Отн	ers.	Ton	AL.
.,	Killed.	I njured.	Killed.	lajured.	Killed.	Sjured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	lajured.	Killed.	Injured.
Standard . Metre . Special .	49 %	143	161 50	²⁵⁷ 70	546 176	116 67 3	756 234 2	316 304	50	126 56	38	236 75 5	336 140	81 57	501 195	443 188 7
TOTAL .	57	210	212	330	723	186	992	726	67	182	153	316	477	140	697	638

It will be seen from the foregoing table that the number of persons killed and injured, excepting passengers killed, compares unfavourably with the average of the two previous years. The increase is attributable, to some extent, to the opening of new lines.

111.—Accidents in which the movement of vehicles used exclusively upon railways was not concerned.

8. The following table shows, for the several gauges, the number of persons reported to have been killed or injured by accidents, in which the movement of vehicles used exclusively upon railways was not concerned. Comparative figures for the previous year are also given:

							WITH THE 31	NTHE PROING ST DECEMBER 97.	TWESTER MON	T DECEMBER
							Killed.	Injured.	Kille 1.	Injured.
Standard	٠		•		1.1		35	151	59	147
Metre			•	•			26	56	18	40
Special		•	• .	•	T.	•	•••	1		1
				To	TAL	•	61	208	77	188

IV .- Statistical results.

9. The following table gives certain statistical results for the period under review, comparing the number of passengers killed and injured by accidents to trains and from all causes with the number carried and the number of

passenger-units carried one mile. Comparative results, based on the average figures of the two previous years, are also given:

		. Twee	VE MONTHS	ENDING W M HER 1897	TH THE	AVERAC	OF THE T	NO PREVIO	US TEARS.
PARTICULARS.	-	Standard.	Metre.	Special.	TOTAL.	Standard.	Metro.	Sectal.	TOTAL.
	5	&		-				6.	
	Willes	11,844	8,350	279	490,473	11,260	7,878	266	
	Miles	47,126,332				44,577,587	20,480,780	457.365	
	No.	94,597,476			150,618,092			0902,525	155,443,285
							4	,	,
Number of passenger-units carried one mile	0 3	.021,8go,554	1,976,888,326	24,459,000	5,923,237,789	4,192,549,448	2,074,403,322	25,813,399	0,292,760,069
Number of accidents	20	2,770	2,023	96	4,889	2,400	3,040	70	4,510
Number of accidents per 100,000		1					0	4	6'88
train-miles run	2.0	5'89	9,30	19'49	7'05	5'35	9.96	12.31	0 00
Number of passengers killed by acci-			16						0.16
	98	t in	t _m so	000	ı in	1 in	in crin	900	1 in
Proportion of above to number		15,766,246	3. 77c		6,846,277		0,196,461	801	9,715,205
Number of passengers injured by	93	13,700,240	301 70	***	0,040,277	9,930,199	9,190,401	801	31/-31-02
Number of passengers injured by	.	105			128	Su	15	***	65
ac idents to trains Proportion of above to number	22	I in	T in		t in	ı in	t in		1 in
		900,928	3,397,057		1,176,704	1,986,040	3,678,584	***	2,391,435
Number of passeagers killed from	22	900,900	-100/1-37		.,.,.,.,	.)Joolode	210,01304		-107-1433
	20	55	21		79	60	23		81
Proportion of above to number	~	1 in	r in		1 in	z in	1 in		1 in
carried	0.0	1,719,954	2,207,180	1.01	1,905,558	1,655,033	2,399,077		1,872,811
Number of passengers injured from						1,-001-03	-13391-77		
all causes	,,	248	90	004	331	176	71		247
Proportion of above to number		r in	ı in l	1	I in	ı in	t in		I in
carried	12	381,441	612,581		3 45,616	564,216	777,160	***	629,325
Number of passengers killed and				1					
injured from all causes	99	303	114	000	. 417	236	. 94		330
Proportion of above to number		z in	1 in		I in	1 in	t in	1	7 in
carried	99	312,203	483,617	***	361,194	460,771	587,408	E ***	471,041
roportion of passengers killed and									4
injured from all causes to number		z in	1 in		t in	ı in			. :-
of passenger-units carried one			17,341,125		14,204,407		ı in		t in
mile	9.0	12,943,533	1/12411192	***	14,204,407	17,765,040	22,008,119	***	19,068,988

It will be seen that the comparison is generally unfavourable for the reasons explained in paragraph 1 (1) ante.

10. From abstract No. 5 it appears that, during the year 1897, the proportion of passengers killed and injured from causes beyond their own control was generally higher than in the ten preceding years. The cause of the high proportion is given in paragraph I (1) ante.

V.—Number of persons killed and injured by accidents to trains rolling stock, etc., during the fourth quarter of 1897.

abstract No. 4 of the returns, which resulted in loss of life or injury to persons, and shows the railways on which they occurred:

	Number of accidents reported	PASSEN	GERS AND	SERV	ANTU.	To	TAL.
Railway.	during the fourth quarter of 1897.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Standard gauge. East Indian Bengal Central North Western State. Eastern Bengal State Great Indian Peninsula Madras Metre gauge,	4 1 2 1 3 1	*** Z	2 3 16 	1	4	3	3 3 4 16 t
Rajputana-Malwa	1	***	7	***	B 0 4	***	I
TOTAL .	*3	, 3	25	3	6	\$	31
Average of the two corresponding quarters of 1895 and 1896	10	1	9	2	5	. 3	14

The increase in the total number of persons injured during the fourth quarter of 1897, as compared with the average of the corresponding quarters of the two previous years, was mainly due to the accident of the 21st October 1897 on the Eistern Bengal State railway. Particulars of this accident are briefly given in paragraph 12.

12. A brief description of some of the accidents which resulted in loss of

life, or injury to persons, is given below:

East Indian railway.—On the asth October 1897, an up goods train ran into a bollock cart at a level-crossing gate near Seoraphuli station. The cart-

man was injured.

On the 20th December 1897, an engine collided with another standing tender foremost at Ondál station. An intending passenger, who was seated on a bench on the platform, was struck by the flying pieces of the broken buffers

and very slightly injured.

On the 23rd December 1897, a down mixed train, while entering Pákur station, collided with some empty trucks standing on the centre line, owing to the carelessness of the jamadar in not having set and locked the points. A rail-way servant was slightly injured.

Bengal Central railway.—On the 19th November 1897, while an up mixed train was standing on the main line at Bongong station, an engine, which was allowed to come on the same line, collided with the train. Three passengers were slightly injured.

North-Western State railway.—On the 6th October 1897, the engine of an up goods train ran into a bullock cart at the level-crossing at mile 1,069—4, between Pind Sultáni Road and Langar stations, owing to the cartman having been asleep and the cart drawn on to the line by the bullocks. The cartman was killed.

On the 8th November 1897, a light engine collided with a down goods train at mile 34, between Pipri and Dabheji stations. Both the engines, the rolling-stock and the permanent-way on a bridge were considerably damaged. Four railway servants were injured and one killed.

Eastern Bengal State railway (standard gauge).—On the 21st October 1897, while an Eastern Bengal State railway down goods train was passing from the down main line to the down Chitpore line at Canal Junction station, an up Bengal Central railway mixed train came on against signals and collided with the down goods train, and one third class carriage and three goods wagons were derailed. Sixteen passengers in the Bengal Central railway train were slightly injured, and the rolling stock considerably damaged.

Great Indian Peninsula railway.—On the 27th November 1897, a down mail train ran into a bullock cart at the level-crossing gate at mile 514, between Khapri and Nagpur stations. The cart was smashed, and the cartman killed.

On the 22nd December 1897, an up tranship train parted at mile 254 near Angar station, owing to the breakage of the draw bar pin of a wagon. The engine after parting from its load got away, but was subsequently stopped by the driver. While it was at a stand still the carriages dashed against it, and the concussion threw off the fireman who died of the injuries received.

Madras railway.—On the 30th November 1897, while a mixed train was entering Jalarpet station, the engine and six vehicles were derailed, owing to the breakage of an engine spring. Three passengers in the derailed vehicle were slightly hurt.

Rajputana-Malwa railway.—On the 2nd October 1897, the engine of a down mail train collided with a country cart at mile 272—16, between Ajmere and Madár stations. The cartman was slightly injured.

RESOLUTION.—The Government of India notices that, with an increase of 1,069 miles or 5.51 per cent. in the mean mileage worked and of 3,845.274 miles or 5.87 per cent. in the train-mileage run, the number of accidents to trains, rolling-stock, permanent-way, etc., on. Indian railways during 1897,

NUMBER of PERSONS reported during the (welve months ending with the 31st December 1897, as KILLED OF INJURED in Its PASSENGERS, RAILWAY SERVANTS and OTHER PERSONS, and classifying, as far as practice.

		I	PAB	BEN	GE	RA,	R	AII	AV.	Y	SE	RV.	ANT	18	ah	d o	TH	KR	PER	NOB	8, 1	ne	l cl	HAS	ity	mg	, I	BB'	far	a	8	n'in	ette
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Cinssificatio Aumber,	RAILWAY.		Abstracts Nos. 3 and 4.			2. Falling on to the platform,	Lains. when getting	3. While erossing the line of	fations,		4. By closing of carriage doors.	P On Prefacean	the traveling of trains,	12	C. Other acedenta,	1 224	TOUR!		Total Passengers,		Aberracte Nos. 3 and 4.		L. Whilet coupling or uncoupling vehicles,	2. By coming in contact, whilet	ing, with other vehicles, etc.,	lst passing over	Ang upon buffers during shung	4. When gettag on vroff, or fail.	during sharing, wagons, oc., a	5. Whilst bruking, surnering, or	checking wheels,	G: Whi'st attending to ground o	
		Killed,	Injured.	Killed.	Injured.	Killed. #	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killede	Injund,	- Kitled.	Injured,	Killed.	Tajared.	Killed.	Injured.	Killed.	Injured.	Killed	Injured.	Willed.	Injured.	Killed.	Injured.
	Standard gauge. State lines worked																	1													+		
,	by companies.							0	0		•	-		77		24	10	26	-7									6					
1	East Indian (a)	2	31	2	3	6	11	2	2		•	7 3	23 1						77	8	5	2	3	***		(h t			2	-	1		1
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XVI	East Const			1		1			2		•••	-	4			1	0	1	6		407								S		1		1
	Lines worked by guaranteed com- panies.		1000																														-
XVIII	Great Indian Penin-		5	1	2			1				1 1	6 1		1	4	19	4	24	2	6	1	2	***							4		
XIX	Central India (f).						. 1					1										1							1				
XX	Madras (g)		3		1	**		***					1		1	***	8		6		*4*	1	4	*= *	241				1				
	Line owned by native state and worked by company.							100		Acceptance of the same of the same of the same						The second secon	The second second									i i i i i i i i i i i i i i i i i i i							
XXXII	The Nizuro's Guaranteed State (A).					• 9 1	6.	10								**			***		***	41	2		*41		***,		1		***		
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	Average of the two previous correspond-	П			П			1					1				1		348												-		3 1
	ing periods	-	30	10	10	0	40	-		-	44	18	- 0		-		200		176	3		-			4	-	2	5			6	2	6 1
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	State lines worked by companies.				-																	1								-			
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	Tirhnot section. }													5		***	B		Đ		***		.,						1				***
XLI	Rajputana-Malwa (i)																		20										1				
	Southern Mahratta (j)				2		-1		_				1.			- 1	-	- 1	30	- 1	13						-	_			1		
XLVI	South Indian (k)													1	1 5	1	7	3	G .											1	1		
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he TRAVELIENG OF TRAINS OF the MOVEMENT OF VEHICLES used exclusively upon RAILWAYS, distinguishing between tature and causes of the ACCIDENTS occasioning the DEATH OF INJURY.

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the Resource frontiers to the Ahmedaland-Farmitj and the Guckwar's Mehsana railways.

the Guntakal-Mysore provider, the Mysore section (Southern Mahratta), the Kolhapur, the Yesvantpur-Mysore frontier, and the Mysore section (Southern Mahratta), the Kolhapur, the Yesvantpur-Mysore frontier, and the Mysore-Nanjanged railways.

ABSTRA

Number of persons reported during the twelve months ending with the S1st December 1897, as Killed or injured in I passengers, rationly bernants, and other persons, and classifying, as far as practice.

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⁽²⁾ Including the Kaunds-Pharika 2' gauge branch, (3) ... the Lacknow-Inarchilly section (Rehillkund and Womaon) (6) ... the Catalear-Rajkot and the Jämnagar Rajiways.

the TRAVELLING of TRAINS OF the MOVEMENT OF VEHICLES used exclusively upon BAILWAYS, distinguishing between nature and causes of the Accidents occasioning the DEATH of INJURY—concluded.

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ABSTRACT No. 3.

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ABSTRA

ACCIDENTS to TRAINS, BOLLING STOCK, PERMANENT-WAY, etc., reported during the TWELVE MONTHS end distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS

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\$ 150 miles		Average aidents previou	during	the two		umber		of sen	mber pas- gers nd ers.	of s	bor er-	Tot al class	l l	Average r oidents o previous	luring 1		28	lumber.		00
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h the 31st December 1897, as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, "ERS, and of RAILWAY SERVANTS KILLED OF INJURED in each class of accident.

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ABSTRACT No. 5.

Proportion of Passengers-Killed and injured on the several railways open for traffic India from causes beyond their own control in passenger journeys for the years 1887 to 1897.

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ä	YRAB.		Killed.	Injured.	journeys (inclusive of journeys by season ticket-holders).	Killed.	Injured.
1887			4	62	95,411,779	1 in 28,852,945	1 in , 1,538
1888	• • •	•	2	26	103,156,013	1 in 51,578,006	1 in 8,967,
1889		•	27	155	110,402,388	1 in 4,088,977	å in -712,
1990	•	٠	1	24	113,828,810	l in 113,528,810	l in 4,748,
1891		. •	56	185	122,611,345	1 in 2,189,488	1 in 908,
1892	A .		8	42	127,230,914	1 in 15,908,864	1 in 3,029,8
1898 .	117	•	51	84	135,262,950	l in 2,652,215	1 in 1,610,2
1894 .		•	1	85	145,482,546	1 in 145,462,546	1 in 1,711,8
1895 .	• •	•	8	. 87	151,728,981	l in 18,965,498	1 in 4,100,6
1896 .	• •	•	24	93 °	159,162,589	l in 6,631,775	l in 1,711,4
1897 .		•	22	128	150,618,002	1 in 6,846,277	l in 1,176,70

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, July 2nd, 1898.

The break in the rains which prevailed last week continued during the first two days of the week under review during which dry westerly winds prevailed with a high temperature, and only a few local showers of rain, except over Lower Burma, where the rainfall was fairly general. On Tuesday the 28th June, however, rain began to fall lightly over the central districts of India and of the Peninsula. This rain gradually increased in amount and extended in area, and from the 30th June to the 2nd July moderate to heavy rain fell in most parts of the Indian area, except over Sind, Western Rajputana, Gujarat, Khandesh and the centre and east of the Peninsula, where the weather remained fine and hot. Along the west coast the rainfall at this time, though occurring daily, was unusually light in amount, while on the contrary one of the most marked features of this burst of rain was the heavy fall in parts of the Punjab. As the rainfall extended the temperature fell, and the heat, which between the 26th and 28th had been very excessive, became less than usual after the 30th of June.

Daily Summary.—Sunday, June 26th.—The barometer had fallen over the southern half of the Peninsula and risen elsewhere. Pressure was highest in Malabar and lowest in the North Punjab, while a shallow depression lay over Orissa and the north-west of the Bay. Calms and variable airs prevailed in Bengal, variable winds over Upper India and westerly winds elsewhere. The heat was generally excessive, except over Deltaic Burma, Mysore and the North-West Provinces. The excess was between 4° and 10° in the Punjab. Moderate rain had fallen over Lower Burma, while elsewhere fine weather with a few passing showers was reported.

Monday, June 27th.—Pressure had decreased briskly over the east of the North-West Provinces and had increased briskly over Sind. Elsewhere the changes were unimportant. Pressure remained highest in Malabar and lowest in the North Punjab, but the depression over the north-west of the Bay was less distinct. Westerly and south-westerly winds prevailed almost everywhere, except in Burma, where the direction was southerly and in Bengal, where it was variable with calms. The heat was almost everywhere excessive, but particularly so in the North Punjab. General moderate rain continued in Lower Burma, and fine weather with a few passing showers elsewhere.

Tuesday, June 28th.—The barometer had given way everywhere, but particularly over Northern India. Pressure was highest in Ceylon, lowest in the North Punjab and comparatively low over the Gangetic Plain. The winds were southerly in Bengal and Burma and generally westerly elsewhere. The force was about normal. The mean temperature remained almost everywhere excessive, the excess at several stations in the North Punjab and the Gangetic Plain being over 10°. Rain had been received over North-East India, the Peninsula and the Central Provinces, but the amounts were generally moderate or small.

Wednesday, June 29th.—The barometer had risen over the eastern and fallen over the western half of the country. A shallow low pressure area had appeared over the north-west of the Bay, South-West and West Bengal and the east of the North-West and Central Provinces. This was the only change in the distribution. Easterly winds were, however, appearing over Bengal and along the foot of the Himalayas. Temperature had fallen almost everywhere and was lower than usual over Bengal and a considerable part of the Peninsula as well as at some central stations and in Sind. North-East India,

the central parts of the country and the west coast had received general rain, but elsewhere the weather had been fine.

Thursday, June 30th.—The barometer had fallen in North-Eastelndia, but had risen elsewhere—more particularly in the Punjab, where the rise had been very rapid. Ordinary monsoon conditions of pressure and winds prevailed, and rain had been received, except over parts of North-West India, Khandesh, the Deccan and Madras. Temperature had continued to fall and was very low over the North-West Provinces and the Deccan.

Friday, July 1st.—Pressure had changed irregularly, but the general distribution was not much changed and remained such as usually exists during the monsoon. The winds were westerly over Southern and Central India and easterly and south-easterly in the north, and the force was about normal, except in Bengal, where it was low. The heat was excessive over Rajputana and Gujarat, over the south of the Peninsula and over North-East India, but elsewhere the mean temperature was much below the normal. The rainfall had been more or less general, except over North Bombay, Khandesh, the Deccan and Madras. The amounts had been smaller than usual along the west coast and greater than usual in the Punjab.

Saturday. July 2nd.—Pressure was low over North-East and North-West India, very uniform over the Gangetic Plain and high in Ceylon. The winds were cyclonic in Bengal, variable in North-West India, westerly over the Peninsula and southerly in Burma, while over the Gangetic Plain calms were reported. The distribution of the mean temperature relatively to the normal was the same as on the preceding day. Part of North-West India, the Deccan and Madras still remained rainless, but elsewhere more or less rain had been received.

Temperature.—Remarkably high temperatures were experienced in almost all parts of the country during the early part of the week when the rain was still holding off. Then on the 29th, when rain in considerable amounts began to fall, there occurred a sudden decrease in the heat, and from the 30th to the end of the week the mean temperature of the whole country was about normal.

The following table gives temperature data for the week:

PROVINCE.			JUNE 189	98.		J	uly.	Mean variation	
EROTINUS,	26 th	27th	28th	2gth	30th	1 st	2nd	of week.	
	0	0	0	0	0	0	0	•	
Burma	+ o.2 + 5.4	+ 0.8	+1'1	-0.8 +1.3	+0.2	+0.9	-0.1 +1.3	+1.8	
Oudh	+0.0 +4.8 +1.6	+2'9	+8.3	+5.4	-5.5 +1.3 +0.8	-2·3 -5·7 +1·7	-3'4 -6'0 +1'2	+1'0 +2'1 +1'5	
Central Provinces and Berar Central India and Gujarat. Sind and Rajputana.	+3.6	+5.3	+4.1	+1.6	-3.5 -1.4	-0'4 +1'I	-1'4 +0'5 +1'2	+1'2	
Madras	+3.3	+3.2	+2.5	-0.3	0	+ 2.0	+ 2'4	+ 1.0	
Mean for whole of India .	+2'0	+3'1	+4.0	+ 2.2	-0.8	0.2	-0.2	+1'4	

During the first three days the heat gradually intensified, and on the 28th the mean temperature of all the provinces of India exceeded the normal. The excess was greatest in the north-west and amounted to 8° in the North-West Provinces and to 7° in the Punjab, while the mean temperature of the whole country was 4° above the average. Then the influence of the rainfall began to be

felt, and between the 29th and 30th the mean temperature of the whole country decreased 3.

. The highest recorded maximum on each day was as follows:

	On June	26th	•		•			1140.0	at	Peshawar.	
•	• 99	27th		٠			. 1	115°0			Rawalpindi.
• •	a 33	28th						1170.0	9)	37 21	n ar mar printers.
0	,,	29th			•	0		117°.5		11	19
	_	30th		•	•	0		1150.0	53	31	
		Ist		•	•	•		1060.0	93	Montgomery.	
•	29	2nd						1060.9	37	Jacobabad.	

• The highest temperatures both actually and relatively to the normal were thus reported from the North Punjab.

Rain.—As mentioned above, the rainfall during the first two or three days of the present week was light in amount and very limited in extent, but thereafter rain commenced to fall in the central districts of India and thence spread quickly to most parts of the country, so that towards the close of the week ordinary monsoon conditions prevailed throughout the greater part of the Indian area, and monsoon winds had spread over Upper India as far as the extreme limits of the Punjab. In the centre and east of the Peninsula comparatively little rain was reported during the week, as the mousoon hardly affected that area, but during the middle of the week there were some not unimportant showers at some of the Madras stations. The rainfall returns show that rain fell on each day of the week over Tenasserim, Lower and Central Burma and Arakan, and showers on most days of the week in Upper Burma. In Assam showers were spread throughout the week, while in Bengal the last four days of the week were rainy and the first three days fairly fine. In the North-West Provinces similar conditions prevailed, while in the Punjab only the last three days of the week were wet. Along the west coast rain fell on each day, but inland, over Mysore and the Deccan only occasional passing showers were received. Over the central districts of India the first two or three days of the week were fine and the remaining four or five were rainy. Over the east of the Peninsula there was no especially rainy period, but scattered showers were reported from time to time.

The rainfall table at the close of the summary shows that in four divisions—viz., Sind, Baluchistan, Western Rajputana and the East Coast [North (a)]—there was absolutely no rain during the week; that in three more divisions—viz., the East Coast (South), Madras (South) and Kathiawar—the average actual rainfall for the week was less than o'lo inch, and hence was insignificant; and that in all the remaining divisions effective rainfall was received. The amount of rain received ranged from 12'71 inches in Arakan, 6'20 inches in the Konkan, 5'81 inches in Lower Burma, 5'64 inches in Tenasserim and 4'38 inches in the central division of the Central Provinces, to o'll inch in Mysore and o'26 inch in Gujarat. The third column of the table shows that the week's rainfall was excessive in parts of Burma, of the North-West Provinces, of the Punjab and of the Central Provinces and was generally in defect elsewhere. The principal cases of excess were 3'l8 inches in Arakan, 1'l7 inches in the North-West Provinces (East), 1'25 inches in the North-West Provinces (East), 1'25 inches in the North-West Provinces (East Submontane), 1'57 inches in the North Punjab and 1'17 inches in the central division of the Central Provinces. The principal cases of deficiency were 4'28 inches in the Assam (Hills), 4'31 inches in the Bengal Hills, 4'76 inches in Malabar and 4'49 inches in Coorg. The three concluding columns of the table show that the monsoon rainfall up to date has been in excess of the normal over the North-West Provinces, the Punjab, the west coast districts and part of the Central Provinces, but has been generally less than usual elsewhere.

The principal large totals during the past week in the different provinces have been as follows:

Burma			8	Kyaukpyu, Arakan				17'57	inche	8.
Assam	•			Cherra Poonjee	•		•	8.12	.78	6 .
Bengal		•	٠	Dum Dum, 24-Perg	anna	hs		6.89	6 27	
				Silliguri, Darjeeling		•	0	10'44	33	
Bihar				Hilsa, Patna .	•			4'25	"	
North-West	Provi	nces		Banda	•			9.68	"	
Punjab				Jagraon, Ludhiana		•		4.48	12	•
				Thal, Kohat .				7'32	29	
Malabar		•	٠	Udipi, Mangalore	0		•	5.13	9.9	
Konkan				Khed, Ratnagiri	•			12'70	21	
Deccan	•			Bavda, Kolhapur			•	10.26	29	
Central Prov	vinces			Jubbulpore .		•		11.55	39	
Central Indi	2			Maiher, Sutna .			. *	8.70	. 99	
Madras				Udayagiri, Ganjam		•	•	7.31	19	

	•	KAINFAL	L DATA FOR WE JULY 2KD, 1891	RE ENDING	RAINVALL	DATA FROM MA JULY SKD, 1898	17 39TH TO
PROVINCE.	DIVISION,	Average actual rainfall of division.	Average normal rainfail of division.	Excess or defect in inches,	Average actual raintall of season to date.	Average nor- mal rainfall, May 20th to July and,	Excess or defect of (seasonal) rain- fall expresses as a per- centage.
. •	•	Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
SURMA · · ·	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	5.64 5.81 2.89 1.19 12.71	8·88 5·08 2·57 1·90 9·53	- 3'24 + 0'73 + 0'32 - 0'71 + 3'18	36·17 26·29 12·30 6·42 46·46	45'84 22'34 14'15 11'64 60'35	- 21 + 18 - 13 - 45 - 23
Sengal and Assam	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	1'70 4'32 3'80 2'84 2'08 2'20 3'33 3'54 1'68 2'16 1'94	4'26' 5'19' 8'08' 3'62' 2'18' 2'51' 5'53' 7'85' 3'28' 2'46' 2'15' 2'49'	- 2:56 - 0 87 - 4:28 - 0'78 - 0'10 - 0'31 - 2'20 - 4'31 - 1'60 - 0'30 - 0'21 - 1'06	21.51 22.83 32.66 15.68 12.40 15.53 25.39 20.39 7.74 13.83 5.91 7.69	21'97 29'48 37'30 17'50 11'75 11'75 26'37 31'51 9'46 8'74 6'47	- 2 - 12 - 12 - 16 + 3 - 3 - 11 + 5 - 10
JORTH-WESTERN PROVINCES AND OUDH.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	3'08 2'09 2'38 2'67 0'51 3'37 1'62 2'21	1°91 2°13 2°22 1°42 1°10 2°31 2°08 1°81	+ 1°17 - 0°04 + 0°16 + 1°25 - 0°59 + 1°06 - 0°46 + 0°40	5.78 6.44 6.73 5.48 1.45 8.87 5.09	4'48 4'51 5'23 3'45 2'47 5'74 4'92 6'31	+ 2 + 4 + 2 + 5 - 4 + 5 + 7
ONJAB	26. South-East Punjab	1.09 1.28 1.55 2.04 1.80 2.04 0.58	1'23 0'54 0'64 1'11 2'45 0'47 0'23	- 0'14 + 0'74 + 0'91 + 0'93 - 0'65 + 1'57 + 0'35	2·81 2·76 2·12 3·38 8·31 3·04 1·04	2.80	+ 1 + 2
OMBAY AND MALABAR COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	2'17 0'29 1'74 0'11 6'20 1'11	6.93 0.85 6.23 1.17 8.92 1.09	- 4'76 - 0'56 - 4'40 - 1'06 - 2'72 + 0'02	34°05 2°78 25°87 4°28 36°08 8°09	5'47 29'06 5'78	- 3 - 2 + 3
BETTAL PROVINCES	41. Berar	1'19 2'59 4'38 2'98	3.19 3.51 3.19	- 0.16 + 0.41 + 1.14 - 0.18	6,20 8,23 10,25 8,23	7·13 7·58 8·58 9·12	+ + + -
OMBAY (NORTH) .	45. Gujarat	0'26	2·82 1·16 0·17	- 2.56 - 1.10 - 0.17	9.55 1.40 0	6'07 2'91 0'30	+ ! - 10 - 10
AJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Central India West. West Painutana	2'29	2.61	- 0.32 - 0.32	6·10 3·25	8.00	- 3
MADRAS	51. West Rajputana 52. Hast Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	1'05 0 1'37 0'40 0'49 0'04	0.61 1.41 3.81 1.00 0.58 0.63 0.63	- 0'61 - 0'30 - 3'81 + 0'37 - 0'18 - 0'14 - 0'59 - 0'18	6'96 4'30 3'55 2'61 2'64 1'62	5°17 11'25 5°28 3°02 3°01 2°54 1°38	+ 3 - 3 - 3 - 3 - 3 - 3

. W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS, Secretary to the Government of India.

SIMLA, 7th July, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending and July.—The rainfall was moderate on the West Coast and in parts of the Circars and the Deccan; light showers fell in the remainder of the Circars and the Deccan, but there was little or no rain in the Carnatic and in the Central and Southern districts. The June rainfall is below the average expected, except in Ganjam, Vizagapatam, and in the West Goast districts and the Nilgiris and more rain is urgently wanted in the Deccan, the Carnatic and in the Central districts to push forward cultivation. The water-supply is low, except under large irrigation works and in wells. Some sowings are still being made but work is retarded, and the standing crops in many places are suffering for want of rain. Pasture is scanty but fodder is sufficient. The condition of cattle is normal. Prices are slightly dearer in the Deccan, the Carnatic and the Central and Southern districts; elsewhere they are stationary. The numbers on relief in Nellore were—men 368, women 432, children 173; total 973 on works; and one woman, 21 children as dependants fed at kitchens; grand total 995. Decrease due to the closing of work in one taluk. Loans disbursed in Nellore during the week Rs. 1,160.

Bombay.—For week ending 6th July.—There was rain in all districts of the Presidency Proper, and in one of Sind; the fall was good in the Konkan; moderate in parts of the Deccan, but elsewhere it was slight. More rain is urgently wanted throughout the Presidency except in the Konkan. The young crops are suffering for want of moisture in parts of Karachi, Poona, and Bijapur and have been injured by insects in one taluka of Bijapur. The sowing of early crops is progressing generally, but is retarded in places where moisture is insufficient. Transplantation has commenced in the Konkan and Karachi. Fodder is sufficient, except in two talukas of Karachi. Agricultural stock is healthy. Prices have fallen in five and risen in four districts. The price of jowari in Sholapur was 15% and in Poona 15 seers per rupee. The average number of relief workers in Sholapur was—11,789, of whom 3,766 are men, 6,300 women and 1,723 children. On gratuitous relief—Sholapur—3,823, of whom 1,628 are men, 1,562 women, and 633 children. On test works—Poona—1,966, of whom 707 are men, 969 women and 290 children.

Bengal.—For week ending 4th July.—There was general rain during the week but in some parts of Bihar more rain is still required. Cultivation is everywhere proceeding and the general prospects are favourable. Early rice, jute, sugarcane, and indigo are promising. In Rangpur and Pabna early rice is being harvested. The sowing of the autumn crops and of winter rice is being pushed on and in some places the transplanting of seedlings has begun. Prices continue steady and are above the normal. The fodder-supply is generally sufficient.

North-Western Provinces and Oudh.—For week ending 6th July.—Rain has been general but in the Western districts more is required. The autumn crop sowings and ploughings continue. Markets are well supplied. Fodder and supplies are sufficient. Prices are stationary to falling.

Punjab.—For week ending 6th July.—There was rain throughout the Province—about 2 inches fell in Lahore and Amballa; 13 inches in Shahpur; 13 inches in Ferozepore; 13 in Sialkot; 14 in Hissar; one inch in Rawalpindi; and under one inch in Mooltan and Delhi. The harvesting of wheat still continues in Dera Ismail Khan. Sowing of autumn crops has commenced. More rain is wanted in Hissar and Dera Ismail Khan. The condition of the standing crops

is good and the outturn of springs crops is average in Shahpur and Dera Ismail Khan. The cattle are generally in good condition. Fodder is sufficient throughout the Province. Prices have risen in Ferozepore, Lahore and Amritsar; fallen in Mooltan, Sialkot, and Shahpur; and remained almost unchanged elsewhere. Wheat is selling from 141 to 211, gram 20 to 24, maize 17 to 28, barley 26 to 32, bulfush millet 18 to 261, great millet 18, and rice 9 to 10 seers per rupee.

general rain during the week; eleven districts have received from 5 to over 14 inches and the remaining districts have received moderate rain. The recent rain has been very beneficial to the young crops; more is however wanted in Sambalpur; while a break is needed in Saugor, where the rainfall up to date is much above the average. Sowing operations are in full swing. Prices of rice, juar, and gram have slightly risen generally; while that of wheat has fallen in seven districts and risen in four. The cheapest prices are—wheat 16, gram 32, rice 16, and juar 23 seers per rupee; in seven districts wheat is selling under 12 seers per rupee, and in three districts rice is selling under 10 seers per rupee.

Burma.—For week ending and July.—In Lower Burma ploughing has commenced in all districts. Sowing is reported from Hanthawaddy, Thongwa, Bassein, Henzada, Thatôn, Amherst, and Tavoy. In Upper Burma the cultivation of wet weather paddy and upland crops is progressing in all districts under favourable conditions, except in parts of Pakôkku, Magwe, Shwebo, and Mandalay, where more water is wanted. The price of paddy has risen slightly in Bassein and Pakôkku and has fallen slightly in Prome and Thatôn; elsewhere it is stationary.

Assam.—For week ending 5th July.—The weather is seasonable. Sowing of early rice continues in the Surma Valley and the reaping of early rice is in progress in Goalpara and Sibsagar. Prospects of early rice are good in Goalpara; bad in Kamrup for want of timely rain; and fair in other districts of the Assam Valley. Late rice cultivation is in progress. Planting of sugarcane is finished. Prospects are fair. The prospects of tea have improved in the Surma Valley; are fair in Nowgong and good in other districts. Jute prospects are good. Prices—common rice—Silchar 8\frac{3}{4}, Sylhet 9, Dhubri and Sibsagar 11, Gauhati and Dibrugarh 10, Tezpur 8\frac{1}{3}, and Nowgong 8 seers per rupee.

Mysore and Coorg.—For week ending 6th July.—Mysore: Rainfall 19 cents in the Civil and Military Station and slight rain in parts of the Province. The standing crops are in good condition. Prices have slightly risen in Mysore and have fallen in Bangalore. Ragi (Eleusine coracana) has been sown in Tumkur, Kadur, Chitaldrug, Mysore, and Shimoga.

COORG: Rainfall 5 inches 48 cents. Ploughing for rice continues. The ragi (Eleusine coracana) plants are thriving. Coffee and cardamom fruit are developing. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 6th July.—BERAR: The weather is warm and cloudy with seasonable rainfall. Cotton and tur (Cajanus indicus) have sprung up in parts of the Province and are in good condition. Sowing of jowar and cotton still continues. The fodder and water-supply are adequate. Prices are fluctuating.

HYDERABAD: Rainfall during the week 89 cents. The autumn sowings have commenced in twenty-three talukas. Prices—wheat $7\frac{1}{2}$, coarse rice $7\frac{1}{2}$, and jowari 14 seers per current sicca rupee.

Central India.—For week ending 6th July.—Good rain fell in all Agencies during the week. Agricultural operations are in progress in nearly all Agencies. Agricultural stock and pasturage are in good condition, except in Gwalior. Prices are steady everywhere.

Rajputana.—For week ending 7th July.—Rainfall—over 4 inches in Kerowlee; 2 inches in Ulwar; over one inch in Dholepore and Bhurtpore;

below one inch in Abu, Jhallawar, Kotah, and Jeypore; and slight rain in Marwar, Haraoti, Ajmere, and Kishengarh; no rain in Sirohi, Kherwara, Meywar, Bikaneer, and Jaisalmere. More rain is wanted throughout. Agricultural operations continue. First sowings have been lost for want of water in Kherwara and seedlings have been damaged by high winds in Biana and Roophus tehsils of Bhurtpore and in parts of Jaisalmere. Agricultural stock and fodder are in good condition. Prices are rising in Meywar, Jhallawar, Jaisalmere; falling in Pertabgarh and Jeypore; and are steady elsewhere.

Kashmir.—For week ending 5th July.—The weather is fine. Spring crop reaping is in progress. Prices are normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 6th July.—Good rain during the week. There has been a slight fall in prices. Wheat is 16 and maize 20 seers per rupee. Ploughing for and sowings of autumn crops are in progress. The condition of the standing crops is fair. Fodder is sufficient.

Nepal.—For week ending and July.—Rainfall 1.16 inches. The weather is warm with occasional local showers. No monsoon as yet. Transplanting of lowland rice is in progress. Upland rice and maize are doing well. Rice—72 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

			Pr.	ECEDING WEE	:к.	P	RESENT WEED	ε.	Increase
Name	OF PROVINCE.	`	Relief works.	Gratuitous relief.	Total.	Relief works.	Gratuitous relief.	Тотуь.	or decrease.
Madras			1,024	27	1,051	973	22	995	- 56
Bombay	• •	•	11,863	3,491	15,354	13,755	3,823	17,578	+ 2,224
	TOTAL		12,887	3,518	16,405	14,728	3,845	18,573	+2,168

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

ors.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the examinary in the Gasette of India.

on-labouring children and other dependents of relief workers are classed as on relief works when distinguished in the local returns from the local retu

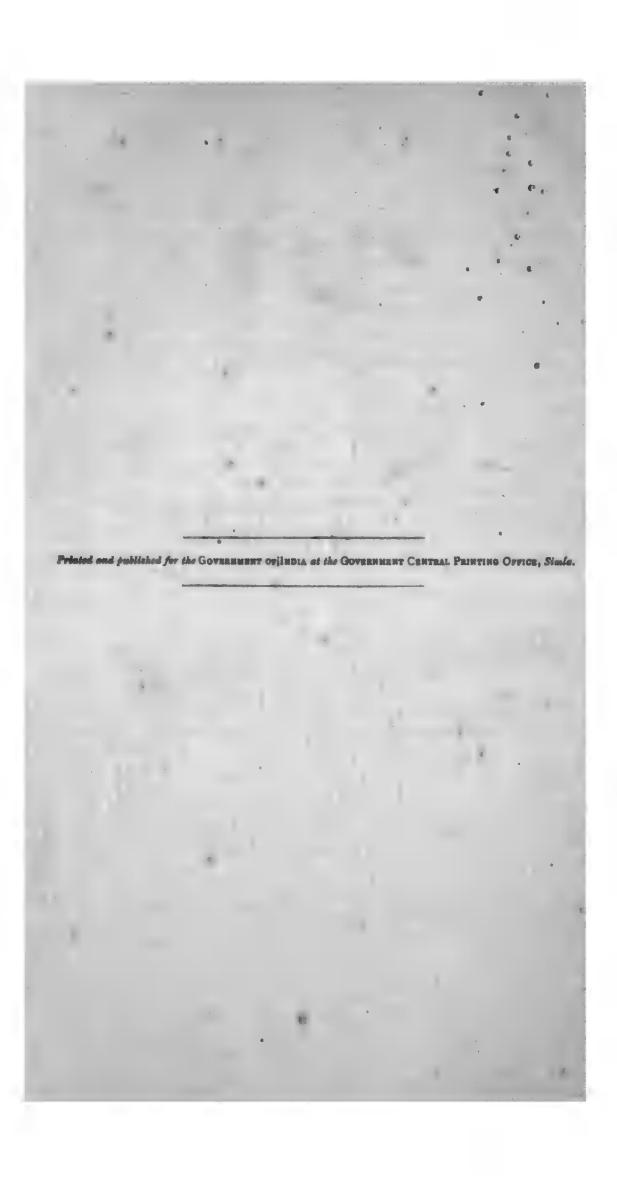
Name of Province and	FOR THE	E WEEK	ending 1898.	FOR THE	ie week 8th Juni	ENDING		B WEEK		FOR THE	E WEE
District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitou relief
Madras.	1,176	23	1,199	1,257	28	1,285	817	25	842	1,024	2
Total Madras	1,176	23	1,199	1,257	28	1,285	817	25	842	1,024	2
Bombay.				4		•				1	
Sholapur	9,023	3,053	12,076	9,441	3,148	12,589	9,903	3,240	13,143	10,207	3,49
Poons	799		799	1,090	.,.	1,090	1,404	•••	1,404	1,656	•••
TOTAL BOMBAY .	9,822	3,053	12,875	10,531	3,148	13,679	11,307	3,240	14,547	11,863	3,49
GRAND TOTAL FOR ALL PROVINCES.	10,998	3,076	14,074	11,788	3,176	14,964	12,124	3,265	15,389	12,887	3.51

he dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figure ly show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

T. W. HOLDERNE

Secretary to the Government

Dated 8th July, 1898.





SUPPLEMENT TO The Gazette of India.

No. 29.}

CALCUTTA, SATURDAY, JULY 16, 1898.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Paders and information as the Government of India may deem to be of interest to the Philic, and such as may usefully be made known. The Debates of the Legislative Council of His Buceflency the Governor General will in future be published in PART VI of the GAZETTE.

Non-Subscribers to the GAZETTE may receive the Supplement separately on a payment of five Rubers per annum if delivered in Calcutta, or eight Rupees if sent by Post. The Supplement and Part VI of the GAZETTE can also be subscribed for separately on a payment of Rubees six per annum if delivered in Calcutta or Rubees nim if sent by Post.

No Official Orders or Notifications, the Publication of which in the GAZETTE or India is required by Law, or which it has been customary to publish in the CALCUTTA GAZETTE, will be included in the Supplement. For such Orders and Notifications the body of the GAZETTE must be looked to.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 1st HALF OF JUNE 1897 AND 1898.

Districts.		RIC		Ru		WHI	BAT.	FLOUR (WHEAT).	BARI	EY.	Jaw	AR.
Distripces		1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	₩97•	1898.	1897.
Berma—	}										•		
Tenasserim-			1										- 4
Mergui		17	20'4	39'1	42.2	905	***	***	404	***		***	
Moulmein and Amherst	•	17'85	25.2 55.1	42 °5 59 °5	68	000	000	104	400	0.00	0.00	600	10p
Pegu (deltaic)— Rangoon		16.66	25'5	42'16	60°35	72.35	96.02	100		***	000		
Thông wa		16.12	25.5 23.8	51 51	72.55 08		***	***	900		•••		***
Pogu (inland)— Heosada Toungoo		15'47 15'3	23,29	42'67 54'4	54'4 54'4	900	000	994	480	A.	004	500	000
Upper Burme- Mandalay		18.03	22'44	55'76	61.21	40°63	70.31	202	***	0 0 0	•••	***	550
Bamo		10'2	440	55'76	9.80	100	400		***	***	***	500	000
Pakôkku	•	19'55	25'5	43.2	65'45	940	0.00	•••	•••	***	601	14'45	17
Kyaukpya		16.15	17 23°29	34 43'52	34 45'0	400	040	9.0	***	***	***	***	000
Assam—													
Goalpara		19'37	28'75	35	52°5 4 5 '94	***	***	000	***	***	***	000	0.00
Bengal—4		1											
Eastern— Chittagong Dacon		***	***	35 37.5	45°62 46'25	31'87	60 47°5	900	***	17.5	000	***	***
L'eltaic— Midnapur Calcutta		000	800	30 35	40 50	36*25	42'5	100	***	25	35	22'5	000
Central— Bardwan Pabna		400	***	30.63	46°25 50°94	37°5 31°41	43°75 42°5	001	***	444	***	099	35
Northern- kangpur		001	***	35	55	40	55	***	400		00.	890	988
Oriesa— Cuttack · · ·		600	***	30.62	34.69	38.13	48'12	•••	***	***	4.00	419	010
Biker, south-		001	***	25	44'37	24'37	37*5		***	15'94	30'78	17.5	000
Bihár, north— Bhágalpur Muzastarpur		***	004	28°75 33'28	44°37 53°44	26.87 26.83	41.56 43.83	***	600	17°5	34°37 37°19	401	
NW. Provinces—													
Rastern- Benares		22'92	38'59	39'48	58165	29'69	42'55	31.83	49'53	18:33	36.67		***
Central— Cawnpore		31.03 31.01	36.32	34°06 35°57	50 61°51	27°6	42'08 4 0 '37	30'78	48'49 52'5	17.76	35.23	17'76	38'
Western- Mount		0.0+	{	38°07	}	26.67	40	30'78	***	17.03	154		4
Agra			(88'91	60	28'44	41'56	800		26'72		***	400
Submonto west-		***	•••	***	400	24.33	30.01	400	***	84'11	33'33	948	40%
Oadh-	1												1
Southern- Lucknov		22.34	***	37"4	51,08	27.2	42'08	\$1198	47'76	16 2	35'16	20	
Northern-													111
Fyzabad		18.81	000	001		26.52	42'19	000		17'4	38'12	16:98	

The figures under "Rice, husked" represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupee,

	14	н1.	GH	.]	IAR DÁL	ARH	GRAM.	(AIZE.	M	AGI.	. R/	AJRA.	В
TS.	District	1897.	1898.	7. 18	1897	1898.	1897	1898.	1897.	1898.	1897.	1898.	1897.	1898.
	Burma-									•		•		
	Tonassorim-									j	•			
	Mergui.	000	000		400	Φ,	***			•••		***		400
	Tavoy.		***		100	***	***	***		***	***	***		201
Amberst,	Moulmein and A											2		
	Pegu (deltaic) Rangoon.	***	000		100	***	57.8	55'25	**1	***	***	• ***	4+4	000
	Thôngwa. Bassein.	***	***		000		***	**1	***		***		100	
	Pegu (inland)-					1	***		***		•	400		
	Henzada. Toungoo.	111	Die o Die		001	***	100		***	***	***	000	***	
	Upper Burma-						57.63	43'35	100		1106	4.7	000	
	Mandalay.	*10	***						091	.,.	***	***	212	949
	Bamo.	***	***	***	***	***	600	***				***	***	3
	Pakôkku,	***	***	* 0	*10	***	***	***	661	***	104			
	Arakan- Kyaukpyu,	550		***			***	*10	***		0.00	140	411	***
1	Akyab.	101	***			***	***	441	***	***			***	
								,						
	Assam—		1									1		
	Brahmaputra Goulpara.	***	*4.5		110	•••	***	194	000	***	410	***	101	104
	Gauhati.	***	***	***	***	***								
	Bengal-		[
	Bastern- Chittagong.	370	00	400	0.4+		51,52	40 31°25	***	***		000	000	610
	Dacca.	330		400	47'5	32'5	45	31 23	***	7 0 0	*41			
	Deltaie— Midnapur,	320		360	***		99.0		844		000	010	45	7'5
	Calcutta,	300		330	35	35	37.5	27.2	40	20	401	141	45	
	Central-Bardwan.	200	10	340	52'5	34'37	39'37	27.5		***	***		004	104
	Pabna.	270		400	46.56	20	40	32.31	***	400	0.01	***	001	**
	Northern-			380	50	52'5	40	30	40	20		4 60	***	-40
	Rangpur.	300		300	30	3-3								
	Orissa— Cuttack.	305	7.5	357'5	33'75	23'44	31.26	27'81	000	***	***	***	200	184
	Bihar, south-				40100	15104	34'37	17'5	000	16'56				
	Patna.	230	30 2	280	30'78	15'94	34 37	-/3		10 30	***			
	Bihar, north- Bhagalpur.	265		340	33.58	19 69	38.75 38.12	20'94	41.26	12'5	***	***	***	101
	Mussffarpue,	246,00	24	320	50	36.87	30.13	***	42'03	41 04	***			
	30 100 0													
	NW. Provinces—	1						-01					£2'01	
	Benares.	66-67	26	345'1	53'91	25'36	44'01	18.42		41.	***	000	23,01	
	Central-	46.12	1.38	27812	45'73	25'78	42108	19'06	400		***	***	***	
	Jhánsi,	45		276'2	40.52	31.3	43'59	17'97	***	404	***	150	**1	
	Western-			920		28.59	40	20'52			***		104	
	Meerut.	***		320	400 E010P	28'44	41'87	19'53	40			040		
	Agra.	55.31	25	304.0	51.52	ao 44	4. 0/	.2 22	-	,				
	Submantane, west-	45	0 24	320		010	42'13	19'27	***	***			***	
	Dudh—													
	Southern-				•		71							1.56
	Lucknow.	55	0 25	320	***	***	43.13	21'72	***	17*55.	***	***	***	1
	Northern-													131
	Fyzabad.	85	'94 28	290'94	***	000	41'25	30	191	17'4		000	***	31

WHOLESALE PRICES FOR THE 1st HALF OF JUNE 1897 AND 1898 -continued.

- 0 0 01 01 01	and the same				* G¢i	R.	SAL	т.	TOBACC	LEAF.	TURMI	RIC.	GR	\88c	STRA	w,
Distr	ICTS	•		-	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Burma— Tenasserim—													•			
Mergui .							994	684	***	995	444		444	0	104	***
Moulmein an	d An	nhere	2	•	***	444	***	586	***	***	***	***	+4*		H00 %	998
m 4114 55												d				-
Pegu (deltaic)- Rangoon		4			***	440	0.00	440	040	117	9.01	800	•••	- 000	***	200
Thôngwa	•	٠	4			601	***	4**	000	100	***	e 0 0	•	***	***	1001
Bassein	٠	٠			414	***	44+	***	640	***	696	844	600	000		odh
Pegu (inland)				}							***	.91	111		***	#00
Henzada Toungoo			:	:		***	044	804	***	001	***	***	940	504	414	***
														•		
Upper Burma-	-				868	***	***		*10	600	***	***	440	000	000	000
Bamo . Pakôkku		*			000	-91	994	441	***	000	***	***		004	649	***
				1										Sha.		
Arahan- Kyaukpyu					***	***	461	000	***	800	0.00	441	000	***	400	901
Akyab .	٠	•	٠	1	400	804	***	***	401	901	1 ***	***				,
Assam—				-									}			
Brakmaputra-	-			1									000	400	881	900
Goálpára Gauhati		0			***	0.02	***	000	004	000	541	401		601	***	200
				1												
Bengal-														1		
Bastern- Chittagong		•			404		37'5 41'25	40	100 70	75	***	684	30	35	***	00
Dacca	•	٠	•		000	***	45									
Deltaio-							36125	38-12	58'75 and	47'5 and	}		*40	000	2'5(a)	2
Calcutta					***		34*37	36'25	62°5	70)	410	8.75(4) 7(a)	6(a)	5
Central- Bardwan					***	***	36125	35	***	901	***	***		00+	6(a)	1 7
Pabna .	٠		۰	•	000	244	39°37	40	67°5	70	***	000	000	***	10	'
Northern-													. (1)	/11		1
Kangpur		9	٠		460	000	40	50	бо	35	800	***	12(0)	17(8)	14(6)	*1
Orissa-																21501
Cuttack			d		441	***	31,52	32'5	45	50	***	100	30(e)	30(4)	2'63(a)	2 02
Bihar, south-															-	
Patna .	•	•	•		000	000	36.32	35	30	30	***	001	3'75	3°75	3.42	
Bihar, north-							-Otan		1	-						
Bhagalpur Muzaffarpur					000	***	38'75 40	36.35	100	114'37	000	140	***	000 000	000	
N,-W. Province	ces-	10				,										
Benares	•		٠		43'59	66.67	481	***			***	000	***	000	911	401
Campore					36.35	47'03		***	55	67.5	100	77'5	die			
Jhánsi .			4		***	30	***	***			***	***	***		100	1
Western-								0								1
Meerut Agra					44'37	51.52	***	000	***		***	4**	***	0.01	***	00
					1 07	3. 03						***	***	***	•••	
Submontane,		-			***	801	800	800		***	(baa }	90	****	402	000	1.
									0		(115)			411	101	
Oadh —													1.			
Southern- Lucknow					44*37	57'98	804	500	75	75	800		3.3	3 4'37	000	
Northern-										,,,	-	111	3 3	73/	-	
Fysabad,	a				37'19	45	***	***	100	***	000	000	2'8	3'44	806	

(a) Per kahan.

(b) Per bundle.

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

AWAR	TALKS.	But	SA.	SHR PER SC			CORE.	PLOCE BULLOCK PA1	S, PER	Districts,	
1898.	1897.	1898,	1897.	1898.	1897.	1898,	1897.	1898,	1897.	DISTRICTS,	
			•	0							
	*,	. •								Burma	
		A.	600	840			064		***	Tonasserim— Mergul,	
# 5 P	200	***	4.04	100	+94	0 0 0	***		801	Tavoy. Moulmein and Amherst,	
201	-	*** •	9.00	-11	***	0.04	***	400	4 0 1	mountain and Anners.,	Ĉi:
			•							Pogu (deltaio)-	
	***	9			•••		***	***	***	Rangoon.	
	400		000		900	***	***	pen	891	Thôngwa.	
•••					***	4+0	***	891	***	Bassein.	
de		000		***							
										Pegu (inland)— Henzada,	
	50 *	*** 9	100		040	000	***	600	***	Toungoo.	
004	***		,,,,	1		407			,		
										Wandslaw	
***	***		100	•••	444	***	***		***	Mandalay. Bamo.	f.m.
400	444	800	***	004	***	000	200		***	Pakôkka.	47
										4maham-	
		198.			984	000	040	007		Arakan— Kyaukpyu.	
	000	400	000	889	981	***	900	000	***	Akyab.	
3									1		
										Assam-	
]						Brahmaputra-	
***	000	***	1	***	444	644	***	***	000	Gauhati.	
***	440		•								
										Bengal-	
										Bastern-	*
000	***	•••	500	***	600	000	***	***	900	Chittagong. Dacca.	
***	091	***	404	451	600	*** .	***	***	***		
										Deltaie-	
***	04+	504	***		600	444	000	***	041	Midnapur.	
	***	***		000	100	***	000	000	000	Calcutta.	- 1
										Central-Bardwan,	
***	000	981	***	***	000	900	011	***	***	Pabna.	
	***										- 1
										Northern- Rangpur.	
001	***	•••	***	***	0.0.0	840	***	***	***		
										Orissa—	
***		***	***	***	049	800	***	***	***	Cuttack.	
										Dit to another	
			i					100	000	Bihár, south-	
***	***	200	***	***	***	000	993	100			
										Bihar, north-	
100	000	000	***	401	***	400	000	001	000	Bhágalpur, Muzaffarpur,	
844	***	***	401	***	***	***	***	***			
							1			NW. Provinces	
										Bastern-	
000	***		000	400	***	554	***	500	080	Benares,	
										Control-	
€.	414		817	бо	60	900		***	000	Cawn pore,	
	•••	***	***	••••	***	084	040	***	***		
										Western-	
Va.	***		000	60	60		000	60		Mecrut, Agra.	
904	***	***	0.04	42'5	46	444	000	0.00	70		
200										Submontane, west-	
860	000		004	40 to 90	40 to 90	901	***	25 to 50	25 to 50	Shahjahanpur.	
							34		1		
			1							Oudh-	
						4				Southern- Lucknow.	
700	000	000	100	35	35			000	601		
								28	28	2000	

WHOLESALE PRICES FOR THE 1st HALF OF JUNE 1897 AND 1898 - continued.

Diet					กัท	RICE, HUSKED.	Rici	E, HUSKED	. w	HEAT.		LOUR HEAT).	BAI	RLRY.	JA	WAR.
Diff	TRUC	ПЗ,		* marin	189	8, 1897	. 1891	8. 1897.	1898.	1897.	1898.	1897.	1898.	°1897.	1898.	1897.
Rajpatana— Bastern— Ajmere Panjah—	•			0	• 33	33 33 3	3	***	32 66	43'75	400	0.00	20	32'93	. 20	42'1
Southern- Ferozpur	٠	٠		0		80 33'3	3 57'	13 80	23'54	34°37	28.75	38.13	10'52	29.63	92'24	4
Central- Lahore .		٥		•	. 24	37'2	4 43'5	63'59	23.20	33'18	25.63	36'35	12'92	26.67	22'97	37124
South-eastern Delhi .	٠				. 3	5 3810	7 36'3	50	25	38'07	34°79	42'08	15.08	32.66	18,18	4
Submontane- Amritsar					. 24.	36'3	44'4	3 57'13	22.86	33'33	24'23	35°57	15'99	@ 7'08	22'87	5
Northern Rawalpindi					. 140	69 30	23.1	8 55.78	25'62	38112	28.29	38.59	14'32	38.20	18.13	4
Western- Multan					. 17":	29.65	27.5	5 48'44	28'07	34'06	33'91	39'01	18412	27.6	23'49	42.03
Sind and Balu	chia	rtan	-											87		
Karáchi Shikarpur		8 4	:	,		41.	***	52'5	35 29:37	32'5	900	800	23.75	30'94	30	33'75
Quetta .		٠				*	***	}	35'02 to 31'25	}	65	***	23'44	***	20	
Bombay -							1		3. 23							
Decean— Dharwar Sholapur Poona	6 6				000	***		***	37°66	61.67	***	001	000	***	***	32186 43196
Khandesh- Ahmadaagar Dhulia		9	٠			***	***		600	52.86	200	***	001	404	***	43'63
Gujarat— Surat Ahmadabad			٠			050	001	001 002		53.15	401	002	***	***	100	47.6
		•					***	50	38.13	48.75	***	***	004	***	991	38.75
Western- Nagpur	ces			٠	084		31	50	35	46	38.06	56			30,13	42
Central— Jubbulpore	•					800	25.81	50	30'19	44'44	34'75	50	•••	***		
Bastern- Raipur	٠		٠			50	26'62	53	30	44'5	40		•••	400	17'75	*40
Berar-																
Básim . Ellichpur . Amasoti .		•	•		***	000	66°66 44°37	80 66'25	39'28 47'06 41'87	51'85 57'14 50	57°14 50	61.59	***	***	19'23 20 17'5	40°28 47°06 46°87
Madras-					<u> </u>											
South, central— Coimbatore Salem			• ,		601	000		201	***	800	***	***	•••	***	26.87	28.75
Central— Beliasy .					000		944	000		***		***	***	000	***	a0.
Cuddapah . Karnul .		0			26.32	33'33	39.55	49.48	•••	***	***	000	000	000	33,30	33'83
East Coast, centr	al-				200	600				0.01	***	004	000	•••	***	- <u>(</u> A
East Coast, south Madras Tanjure		•			29°95 23°7	24°9 22°08	45'68	42°19	***		001	***	000	•••	***	000
1 richinopoly .			0		40/	22 08	43'38	45.10	***	***	***	***	400	840	***	001
Madura .			,		000		***	400	921		P04	***	001	000	26.67	24'11
sore-				1												
Mysore .			•		33°66	24'96	43'2	41'14	48'98	62°69	60'34	63'08	001	***	14'62	24.69
Bangalore .	9		•		19'6	19°5	50'33	: 49	50'44	60°25	47'02	56	90.0			32.63

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

1.1	JR .	-	RAGI.	N	IAIZE.	G	RAM,	ARH	AR DÁL		GHI.	
1898,	1897.	1898,	1897.	1898.	1897.	1898,	1897	1898,	1897	1898	3. 1897	Districts.
a6°56	44'43		•	53.10	34'74	24 06	44'4	3	000	32	278 2	Rajputana— Bastern— Ajmere.
22'24	_44*43		•	16.67	40	16.08	35:5:	57:13	57'1	3 36	0 32	Panjab — Southern — Ferozpur,
23.91	45 173		•	14'06	50	18.75	35'16	39'01	59'2	7 355'5	7 30	Central— Lahore.
17'4	• 48:49		***	17'4	40	19'53	39'01	30.78	5	0 39	284'4	South-eastern— Delhi.
000	***	•	***	***	0.00	17.76	35'57	***		940	328 1	Submontane— Amritaar,
19*06	47'03	***		17'34	25	20'94	38.13	42°5	41'8	7 30	278'1	
19'66	38.38	***	***	31,04	44'37	21'04	36 35			376.4	330	Western- Multan.
24°69	40.62	984	040	27'5	000	34'37	40'62	000	63.75	380 361 23		Sind and Baluchistan— Karachi, Shikarpur. Quetta,
												Bombay -
29,01	50	***	***	***	000	0 0 0 0 0 0 0 0 0	•	***	***	***	***	Decean— Dharwar, Sholapur, Pouna.
***	47*86	\$0 + ***	***	00-	000	000	51'72	010	444	000	000	Khandesh— Ahmadnagar, Dhulia,
26.67	40	000	506	900 901	00.	***	37'37	***		000	400	Gujarat Surat, Ahmadabad,
	•	000	000		***	25	44	26	34	350	319	Central Provinces - Western- Nagpar.
100	***	***	***	104	***	20°5	43'12	30,10	53'31	260	235	Central— Jubbulpore,
•••	000	***	104	994	***	23.2	44'5	23.2	64	280	260	Bastern- Raipur,
333 8.8.2	57'11 57'19	***	000 000	•••	000	36°36 31°75	44°23 53°33 5 0	36,36	57*11	320 325	320	Berar — Basim. Ellicipur. Aniraoti.
0 62	23,12	23.88	31.73	900	000	40	45.62	30'36	000 000	400 342'92	456°87 359°95	Madrae— South, central— Coimbatore. Salem,
0,31	32'76	***	***	***	584	40	45'73		000	380'42	348.7	Contral— Beliary.
	•••	000	***	***	***	***	000		010	333'33	316'67	Cuddapah. Karaul.
		25.16	\$3,30	• • •	004	***	***	30'57	30.22	100	200	Rast Coast, contral
a .	000 000 000	24.92	18.65	***	***	42°76	45'83	000	000	\$20,11	329'17	Bast Coast, south — Madras. Tanjore. Trichmopoly.
99	***	0.00	400	***	•••	***		30'99	30.00	***	,,,	Southern- Madura.
	****	19'59	19'59	***	•••	26.43	\$5,10	76.6	63'08	346'62	339,52	Mysore
"	***	33.81	25		000	33,35	30'12	47.04	34	377'02	411	Bangalore.

WHOLESALE PRICES FOR THE 1st HALF OF JUNE 1897 AND 1898 - concluded.

				Gén	R.	SAL	LT.	TOBACCO	DEAT.	TURMI	ERIC.	GR	ASS	STRA	w.
Districts,				1898.	1807.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.
Rajputana—						ρ.						1			
historn— Ajmere				50	50	0.00	0.01			•••		5	.5	5	5
Panjab— Southern— Ferozpur .				***	500	B d 6		50	70	114'27	100	3'28		2'5	5.68
Central - Lahore					001		600	57*13	57'13	123'07	88'96	10	13°28	4'22	5466
South-eastern Delin					***	***		80	80	118'54	114 27	6.67	7'29	. 3'91,	7.3
Submontane -		4		***	401	***	***	•••	50	114 27	72.71	•••	4'01	3.8	4.0
Northern- Rawalpindi .					***			40	40	118.75	89*48	5	5	4'22	6':
Western-		٠		***	***	•••		100	100	133'33	106'56	-3.33	3.62	3.00	5
ind and Baluchista	ın-										Daip		4.431		
Karáchi . Shukarpur . Quetta	•	•		44*	77 '5 36 87	***	440	***	994	• • • • • • • • • • • • • • • • • • • •	82'5	0 0 0 0 0 0	4'01	800	***
lembay —															
Deccan— Dharwar Sholaput Poona				***			***	112'29	***	000			***		000
Khandesh-	0		-							***					•••
Dhuha		٠	٠			111		448	.,,	*44	***	***	0 - 0	***	***
Surat Alimadabad .	•	•		401	92'5	200	***	> 4 4	071	400	007	***	***	***	***
Central Provinces Western- Nagpur					984								400		***
Central — jubbulpore .					203	40	39'25		80	130	110	000		441	
Rastern—	4	٩		***	***	42	40	180	160	95	67	***	0.04	***	
Berar—															
Básim . Ellichpur . Amraoti		b a		0.00	***	100	• • •	200	22S 200		76'25	···· 4	5 1(a)		
Madras—	•			***	***	100	***	150	200	135		33/1.			
South, central - Coimbatore . Salem .				56'87	65'02			128'40	102:36	100	57°5	***	*84	 6°56	5
Central-				***	***	***	•••	128'49	102'76	68.24	69.53	40+	***	.,	
Bellary . Cuddapah . Karnul .		•			43'59		0 D +	***	83.33	55	33°33 46°15		***	000	
Bast Coast, central-	-						010		03 33		101	000	400	4'37	
Bast Coast, south-															
laniore . Trichinopoly .	•	•			47'71	004	***	131.67	1	***	57'6	***	160	600	4
Southern- Madura .			٠	***	***	***	444	116'77	89'74		***	***	***	4'27	17
Mysore— Mysore				68.56	49:36			374	374	101'29	77'93	10.4	73 10'73	7.1	
Bangalore .						950	***	342'75			-	1			

(a) Per 100 pullies weighing on an average 158 lbs.

he Agures represent prices per ten maunds in rupees and decimals of a rupee.)

AWAR E	TALKS.	BA	JSA.	SHE PER SC		GOA PER SO		PLOU BULLOCK PAIL	S, PER		
1898.	1897•	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	Districts.	
								10		Rajpultana-	
			•							Eastern-	
5	5	•	***	140	140	495	44.	-80	80	Ajmere.	
- 1		. •	•							Panjab-	
		•			40					Southern-	
	***	***	412	50	50	401	100	75	75	Ferospur.	
1				100	100	000	001	105	86	Central— Labore,	
		h	•	6-						South-eastern - Dolhi,	
4'43	10	1 944	140	60	60	000	***	125	125	Submontane -	
	007	0,,,		1	80	399	***		051	Amritar.	
	•			60					60	Northern- Rawalpindi,	
6'67	7'97	***	•••	00	55	800	0.000	60	00	Western-	
6.67	4'37	25		50	50		-	70	70	Multan.	
										Sind and Baluchistan —	
***	4,01	000	***	* ***	***	***	101	***	000	Shikarpur.	
	***	7*5	000	40 to 140	***	***	***	200	666	Quetta.	
										Bombay-	
	0.0.7	400	000	***	***	***	000		991	Deccan— Dharwar.	
	494	800	***	***	900	011	***	800	31	Shelapur. Poona.	
. 04										Khandesh-	
040	***	***	000	***	***	***	000	***	***	Ahmadnagar. Dhulia.	-0
			•**						•••	Gujarat-	-
***	100	***	***	•••	000	000	0	***	60	Surat. Ahmadabad.	
•••						b.				Central Provinces -	
										Western-	
***	8	001	***	60	60	000	111	70	70	Nagpur.	
***	801	***	*00	40	40	0 0 it	***	25	30	Central— Jubbulpore.	
										Eastern-	
***	***	***	***	***	***	***	***		500	Raipur.	
										Berar-	
3	7.5	200		50	60	444	***	60	50	Básim. Ellichpur.	
1'5(a)	10(a)	440		50	50			90	90	Amráoti.	
										Madras—	
2'5	2'5			95	80	95	80	60	60	South, central- Coimbatore.	
	***	6.61	***	80	Во	80	80		60	Salem.	
***				100	60	100	60	120	80	Gentral— Bellary.	
	***	***			101		***		***	Cuddapah. Karnul.	
***		001						***		East Coast, central	
	***	491	•••	- 40	369	041	***	***	•••	Nellore.	
10)		9		55	55	55	33			East Coast, south-	
101	***			77.5	***	77"5	***		000	Tanjore. Trichinopoly.	
	***	***	***			***	506	***	***	Southern-	
911	***	0+0	001		45	***	45	40	40	Madura.	
7-	1									Mysore-	
3.50	3,63	•••		Joo	too to		900	70	50	Mysore.	
400	200	***		160	140		001	130	50 to 8	Bangalore.	

(a) Per too pullies weighing on an average 748 lbs.

J. A. ROBERTSON,
Offg. Director-General of Statistics.

STEPHEN JACOB,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 1st HALF OF JUNE 1898. (The figures represent

						Rı	CR.		lawa	2.01	BALL	RAOR
Distaicts.	w	HEATA	BAR	uley.	Best	sort.	Con	amon.	(Sori	LUM hum are).	(Penn	MNU cillaria cata).
	rialf mont of report	h vious	Half- month of report.	Pre- vious half- month.	Half- month of report.	half-	month	Pre- vious half- month.	Half- month of report.	half-	Half- month of report.	half-
Burma— Ionasserim— Mergui		191	9.04	***	12 —	12 -	12 14	12 14 13	051		***	•
Moulmein and Amheret	7 -	7 -	***	***	9 9	9 9	12 3	12 3	***	0.000	***	000
Pogu (deltaic)— Fegu	8 8	8 12	004 0nx 284 284	000 000 000	10 2 11 12 11 5 10 2	lo 3 11 12 11 4 10 2	14 3 14 12 11 13 11 5	14 3 14 12 11 12 11 5	000 - p0 - ooi	, A.	+00 +0+ +++	000 000 000
Pogu (inland)— Therawadi	10 6	10 6	000 000 000 000	000 000 000	12 5 11 1 9 15 14 9	12 5 9 5 9 15 11 3 10 —	16 7 11 1 13 4 10 8 13 12	16 7 9 5 13 4 12 0 13 12	a7 0	37 9	000 000 000	#00 #00 #00 #00
Upper Burma— Mandalay	13 -	31 3	000	000	11 6 10 5 10 –	10 15 10 5 10 - 12 -	12 5 13 9 12 12 13 2	11 7 13 0 12 12 13 2	49 5 28 7	49 5 28 7	500 600 600	•••
Arakan—Sandoway	0 0 001 0 0 001 0 0 001		01+	***	12 t1 11 6 10 —	12 5	16 9 12 3 11 —	16 9 13 5 11 —		680	4 ,,	000 010
Assa.m-	}			ĺ		>						
Sylhet	7 90	7 9	***	007	8 — 5 7 ±	8 — 5 7½	8 12 8 14	8 4 8 148	***	***	240	643
Hill tracts— A hasi and Jaintié Hills	5 –	5 -	684	***	4 8 4 - 17 -		6 4	6 4 10 — 23 8	***	100	***	***
Brahmaputra— Goalpara Kamrup Darrang Nowgong Sibsagar Lakhimpur	6 4	16 - 5 8 6 8	000	00° 00° 00° 00° 00° 00° 00° 00° 00° 00°	6 4 5 8 5 8 8 5	5 - 5 -	11 8 9 - 8 - 8 - 11 - 9 12	12 — 10 — 8 — 9 — 10 8 9 8	001 000 000 000	000	104 004 761 000 000	000 000 000 000
Eastern hill tracts-					4 8	4 8	11	11 -				
Lastern-			}	,					*04	***	• 0.1	404
Noakhali		-	001	*61	9 8	9 8	9 12	9 12	460	***	***	406
Chittagong		080	•••	0+0	8 8		10 8	10 -	***		454	100
Tippera Dacca Matmenaingh	11 8	10 8 1		8 —	9 4			9 4	000	***	100	8.00 8.07
Dellato-			001	000	7 8	7 8 1	10 -	10 -	***	***		694
Khuina		***						12 10	***			801
		8.44	*4*	***	8 - 8	-	0 -	11 -	200	***	***	*
Midnapur	10 -	9 8	***	1	11 1	0 3 1	2 [2	12 8	***	484	***	591
Howrah	. 10 10	10.10	4. 8		9 -			11 6		***	***	400
Hooghy	10 -	12 13 1	001	9 1	7 8 5 H	7 8 1 5 11 1	0 10	10 10	16 - 1	6 - 1	3 5	13 5

the number of sers (of 80 tolas) and chittacks sold for one rupee.)

									-	, ,	. 0100	rupee.)	
RAGI	UA GR (Kleu- coro- na),	OR H	HORI LIAN LLAN LLAT faria (ica).	CHE CHI RAD OR SI	NAM, NNA, OLA, ALAY UNAGA icer Mum),		itzu Hays),	CAT	AR, OR HUR, DJAN RA ianus iicus).	SA	MT.	Districts.	
Half- month di report.	Pre- vious half- month.	of	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	half-	Half- month of report.	Pre- vious half- month.	-	
				•								P	
600 003	0 04+	***	100	9 5	9 5	000 000 000	***	7	7 —	15 — 17 12 14 —	15 17 12 14 -	Tenasserim— Mergui. Tavoy. Moulmein and Amherat.	
000 000 000	001 001 001	000	00° 00°	7 3	7 3	20 8	20 8	9 - 7 8	7 8	14 3 22 — 15 2 15 15	14 3 22 - 15 2 15 15	Pegu (deltaic)— Pegu. Rangoon. Thongwa. Bamein.	
000 000 000	000 981 980 980	000	010 010 000 000	10 9 11 6 9 2 8 8 10 10	10 9 10 9 9 2 8 8 9 13	37 9	28 3	4 - 7 - 10 10	9 13	14 4 14 4 14 3 12 10 14 8	14 4 14 4 14 3 12 10 14 8	Pegu (inland) - Tharawadi. Henzada. Prome. Toungoo. Thayetmyo.	
000	800 980 900	004 000 000	0 + 0 00 0 00 0	6 13 6 7 12 — 14 3	8 — 6 7 12 — 14 3	14 10 56 14	25 2	7 6 5 6 6 — 5 —	7 6 5 4 6 — 5 14	14 6 9 7 14 3 84 4	14 6 9 7 14 3	Upper Burma— Mandalay. Bamo. Pakōkku. Meiktila.	
689 689	000	***	000 000 010	6 -	6 —	000	000	6 —	6 —	18 10 24 16	18 10 30 — 16 —	Arakan— Sandoway, Kyaukpyu, Akyab,	6
												Assam-	. 4:
881	000	800	900	8 -	8 -	900	***	***	100	5 -	8 -	Sylhet. Cachar.	
911	000	000	000	6 8 6 8	6 8	11 -		5 4 3 -	5 - 3 -	6 8 6 - 3 6	6 8 6 8 3 6	Hill tracts— Khási and Jaintia Hilla, Gáro Hilla, Manipur,	-1
091 094 006 000 000	001 000 000 000	000 000 000 000	000	10 — 11 — 8 — 7 9 8 — 10 —	9 - 10 - 8 - 7 9 8 - 10 -	000	001 000 00b 000 000	8 —	8 —	9 8 10 — 9 — 9 — 9 — 8 —	9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Brahmaputra— Goálpára. Kámrúp. Darrang. Nowgong. Sibsagar. Lakhmpur.	
800	0.00	000		4-	4-	051	40.	4-	4-	4-	4-	Bengal— Eastern hill tracts— Nágá Hills.	
004	861	***	131	10 8	10 8	***	494	100	100	10 -	to —	Bastern→ Backerganj.	
004	***	000	201	10 -	- 01	***	400	•••	100	8	7 -	Noakhali.	- 4
000 000 000 900	000 000 000	00.	001	10 -	10 4	400 400 100	101 405 400 200	:1 12 5 8	11 12 5 8	10 8 8 — 9 2 8 —	8 — 8 — 10 — 8 —	Chittagong. Tippera. Dacca. Maimensiagh.	
001	101	600		9	9 -			8 —	8 -	9 -	čj osn	Deltaic- Khulna.	
411 7	800	000			13 8		001	11 =	11 4	10 8	10 8	24-Parganas.	
000	bqs	89+	481	13 -	10 -	***	• • • •		16 -	10 , 8	9 11	Midnapur.	
800	00.0	000	400	12 —	81 4	004	184	11 4	11 4	10 -	10 3	Howrah.	
000 000 001 000 000	600 600 600 600		000	16 13	14 8	16 —	000	10 10 8 — 15 13 18 —	10 10 8 — 17 12	to — to — lo to to — 9 13	10 — 9 11	Calcutta. Hooghly. Nadia (Krishnagarh). Jessore. Faridpur.	

RETAIL PRICES FOR THE 1st HALF OF JUNE 1898-continued. (The figures

							Ric	B.		. JAWA		BAJRA	
•	,	WHE	AT.	BARL	EY.	Best	ort.	Comn	on.	(Serg	/9 ac 10%	(Ponicia	laria
DISTRICTS.					and a								
		Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious hall- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious haif- month.	month of oreport.	viors half-	Haif- month of report.	Pre- vious half- month
ngal—continued.		12 -	12 — 10 6		600	11 4	11 4 19 8	14 — 12 6	84 8 102 0	000		400	
Birbhum		13 -	12 -	601	***	9 12	9 12	12 12	13 12	***	#61	100	400
Murshidabad		13 -	12 -	20 -	20 —	10 -	10 -	13 —	12 -	681		***	***
Santhal Parganas		10 -	10 -	16 -	15 -	8 —	9 -	13 —	14 8	•	141	100	***
Pabna		12 12	12 12	22 8	22 8	6 -	6 —	12 -	11 10	***	664	+00	0.00
Bogra		12 -	15 -	181	404	7 8	7 8	11 4	10 8	***	***	400	***
Rajshahi		12 13	12 12	20 -	20 -	6 -	6 -	11 10	12 -	***	900	120	460
Malda		14	14	***		8 -	8 -	12	13 —	004	6	20 -	20 -
Northern-		8 -	8 -		***	7 8	7 12	11 6	11 13	**	***	181	441
Dinajpur		12 -	10 12	997		9 10	9 10	12 10	13 -		***	411	***
Jaipaiguri		10 -	10 -	401	541	5	5 —	13 —	13 -	***	***	800	0.0-
Darjeeling.		7	7 -	8 -	8 -	5 —	5 -	18 -	11 -	***	***	***	••
Puri		8 6	7 10		***	6 9	6 9	13 2	13 3	400		201	40
Cuttack		. 9 3	9 3		***	10 8	10 8	12 8	13 2	400	***	***	
Balasore		- 13 -	13 -	10 -	10 -	111 -	11	14 -	13 8	***	***		
Chotu-Nageur— Singhbhum		. 8 -	8 -		***	13 -	12 -	13 -	13 -	000	***	***	
Manthum		11 ~	. 11	4 13 -	16 -	. 9 8	10 -	14	14 -	-4	16 —	20 -	15
		6 -	6 -	- 12		18 8	8 8 to	11 -	11 -	1			1
Lohardaga	,	11 -	10 -	314-		69 -	. 9 -	12 -	11 43	2 3	989	194	
Palamau		15 13	ì	3 23 10							400	944	1
Hazaribagh Bihur, south Monghys			B 11 .								200	480	
Gaya		6 16 I.	31			. 8 -	- 9 4	14 -	14	- 000	16	100	
Patna		- 16 -			23 -	12 -					18 -	100	
Shahabad		. 14	A 13 -	- 1	- 19	- 2 -		and	and	}			
Bihar, north-			13	8			12 -	1					
Purnea Ehagalpur Davbhanga Biozantarpur Saran	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 -	4 13 1	4 20 -	- 15 -	6 -	8 7 -	- 13 14 - 12 - - 12 -	13 2	4	***	000 000 000 peo	
Champaran		. 15 -	15	- 25	8 25	8 6	8 6	8 13 -	- 12	8		**1	
aW. Provinces—		•	1										
Benares		. 13 -	- 13	21 21 -	0 21		8 6		2 9 4 11	2 30	14 20		5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Jaunpur		. 10	- 0	8 25 -		8 6 7		4 9 4 10 -	0 9	8 23			- 15
Banda			12 13	4 22 -			8 5	8 10	41 9	13 25	- 25 -		
Hamirpur			0	8 17 1	2 19	- 0	- 0	- 10 -	- 10	- 18			
Cawnpore		14	4 13	12 22 -	- 211		- 5	- 10	8 10	- 22	- 24	b	2
Etanah		. 15			4 27			- 12 -	- 13	- 23		8 20	
Farukhabad		. 15	11 15	5 25 1	4 23	2 4	11 4	11 3 8	0 7 8	E .		10	
Mainpuri		. 15				8 5	8 4	8 13	12	- 21	8 21		
thestern-		. 10	4 15		1			4 9	4 9				
Agra			8 14	- 24	12 24	4 0	8 0	41 1	- 9	- 22	16 - 23	- 23	2
Mutten		. 14	8 14				- +	8 10	10	4 26	- 35	- 25	
Aligarb			- 13	8 24 -			i	8 7	8 7		- 33		
Bulandahahr		. 15		4 25				9	1 "	- 16	3 18	- 14	14 1
Azamgarh	• • • •	. 10	7 14	8 20 1 22 3	12 23	14 4 4 10	7 4	8 10 7 10 5 12	0 10	6			. 9
Banti			12 15	4 22	4 22	4 8					- 1 17	- 1	1

represent the number of sors (of 80 toles) and chittacks sold for one rupes.)

MARU RAGI stmo	Klan.	MIL.	IGNI ARUP, LIAN BRT taria iica).	GRA GHRN GHO KADA OR SU (Cue ariatin	NA, LAY NAGA		ilze · Mays}.	GAI P	AR, OR IUR, DIAN BA GNNS CNSJ.	SA	et.	District	•
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941	001	•	•••	14 -	14 -	~ 4	+00	12 -	12 -	10	to to 12	Bengal -continued. Central - Bankura. Bardwan.	
7	001	600	.0.	15 12	15	***	***	18 15	18 -	9 12	9 12	Birbhum.	•
001	***	15 ***	144	£8	19 —	1.00	461	20	20 -	10	9 8	Murshidahad.	
841	988	S	490	914 -	15 —	20 -	21 -	* ~	23 -	8	9 —	Santhal Parganas.	
800	* 401	800	0.00	15 12	15 12	400	000	30 -	20 -	9 6	9	Pabna.	
1,004	***	444	691	17 4	15 -		4 0 0	110	0.00	8 10	8 10	Bogra.	
491	402	2	010	16 8	16 8	900		21	21 -	9 -	9 —	Rajshahi.	4.
004	600	890	000	20 —	19 -	20 -	20 —	***	200	8 8	9-	Malda. Northern \$ Rangour.	
961	844	411	464	11 8	11 8	16 —	16 -	7 4	7 4	10 4	10 4	Dinajpur.	
00*	000	#40	400	14 12.	14 13	440	110	10 -	19 -	9 8	10 -	Jalpaiguri,	
001	001	860	49	10 -	13 -	18 —	16 —	6 -	6 8	8	8	Hills- Darjeeling.	7
13 -	13 —	461	000	11 13	11 -				13 —	12 5	18 5	Orissa- Puri,	- L!
	694	000	680			101	114	12 4	15 12	10 12	10 13	Cuttack.	
90+	004	600		13 13	13 130	400	984		10 -	10 8	10 -	Balasore.	
400	491	489	166	11 -	10 —	800	***	10 -	16 -	7 -	7 -	Chota-Nagpur-	
447	***	481	0	9	9 -	900	100	16 —		10 -	10 —	Manbhum.	11.00
***	ed*	a40	000	15 —	15 -	18 —	16 -	16 -	17 -	.0 -	10 —		~
22 -	21 -	***	909	13 —	13 -	16 -	16	12 —	12	9 -	9	Lohardaga.	
20 4	141	401	894	31 11	23 —	18 4	18 —	33 12	30 -	7 14	8 —		
18 -	18 8	001	**1	16 — at 61	45 — 18 141	14 -	45 —	16 -	16 8	9 151	9 7	Hazáribágh. Bihár, south — Monghyr.	. 90
***	900	12 —	500	18 -	19 8	20	lly .	20 -	20 -	9 6	9	Gnya.	- 1
***	800		9-	22 -	22 -	23 —	84 —	24 -	23 -	80 S	11 -	Patna.	`
001	*101	10 -	041	and	and	}	***	{	19 8 and	} 10 -	and 9 8	Shahabad.	
				6 21 —	21 —	,			20 -	10 A		Bihár, north -	
000	***	000	999	16 -	19 -	32 -	33 —	100	400	10 -	10 6 0 8	Bhagalpur. Darbhanga	-520
31 -	22 000	000	***	16 -	18 —	20 — 19 —	16	18 -	22 8	10	10 -	Muzaffarpur- Sáran.	
900	984	10 -	10 -	19 8	19 -	20	80 —	23 -	31 —	10 -		Champaran.	
600	00m	***	000	17 8	18 8	21 —	21 —	28 —	21 —	9 8	10 -	•	
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RETAIL PRICES FOR THE 1st HALF OF JUNE 1898 -continued. (The figures

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RETAIL PRICES FOR THE 1st HALF OF JUNE 1898-continued. (The figures

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Submontane— Ambala Ludhinna Jalandhar I toahiái pur Gurdaapur Amistar Siálkot	18 — 18 — 20 — 19 — 20 — 17 — 15 —	18 — 17 — 48 — 17 — 18 — 16 — 15 —	26 — 29 — 28 — 26 — 30 — 24 —	26 ÷ 28 — 24 — 25 — 24 — 24 — 24 —	000	900 900 900 900 900	10 - 9 - 9 - 11 - 10 - 0 -	10 — 8 — 9 — 10 — 9 — 11 —	26 - 19 - 18 - 17 - 25 - 17 -	25 + 21 — 18 — 17 — 25 — 17 —	20 20 18 16 11 15	20 — 21 — 18 — 16 — 41 —
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RETAIL PRICES FOR THE 1st HALF OF JUNE 1898 -concluded. (The figures

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· Not sold.

J. A. ROBERTSON,
Offg. Director-General of Statistics.
STEPHEN JACOB,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, July 9th, 1898.

During the early part of the present week the weather over a considerable part of India was influenced by a shallow barometric depression which developed over the head of the Bay and South-West Bengal. This depression drifted slowly weathard right across the country and was finally absorbed in the area of low pressure over the western desert. During its passage it occasioned heavy rain first in Bengal and subsequently in the central parts of the country, and at the same time caused a rise in the winds and an increased rainfall along the west coast. After its disappearance rain fell off, the monsoon became feeble and only showery weather was experienced over India. Upper India was more or less outside the influence of this storm, and the rainfall of this region was confined to some local falls at stations on and near the Himalayas. The centre and east of the Peninsula were also more or less unaffected, and only local showers were received in that locality. The heat was about the average in the early part of the week, but as the rainfall decreased the temperature rose, and on the last three days the mean temperature of the whole country was about 1°3 above the normal.

Daily Summary.—Sunday, July 3rd.—Pressure had decreased briskly over West Bengal, Orissa and the North Circars and generally changed slightly elsewhere. A shallow depression lay over West and South-West Bengal and the north-west of the Bay, while uniform pressures were reported over Northern India and steepish gradients over the Peninsula. The wind was westerly over the central parts of the country and the Peninsula, variable over North-West India and cyclonic in Bengal. The force was normal or slightly below the average. The mean temperature was high over Rajputana and the adjacent parts of Bombay and Central India; also over the Carnatic and finally over Upper Burma and Assam, while it was normal or lower than usual elsewhere; the deficiency was large in the Punjab. The weather had been fine over Upper India, Rajputana, North Bombay, the Deccan and South Madras, but elsewhere more or less rain had fallen, the amounts being large along the west coast.

Monday, July 4th.—Pressure had increased briskly over North-East India and Burma, but had changed only slightly elsewhere. The Bengal depression was drifting very slowly westward, but elsewhere there was no change of importance. The winds were also practically unchanged. The mean temperature was low over Lower and Central Burma, Deltaic and West Bengal, the Central Provinces and the South Gangetic Plain and was generally excessive elsewhere. There had been no rain over the Punjab, Sind, Rajputana and South Madras. Elsewhere rain had been fairly general and in the Central Provinces and along the west coast fairly heavy.

Tuesday, July 5th.—The barometer had fallen slightly to briskly over the Central Provinces and North Bombay, but had generally risen elsewhere. The depression had continued to move westward and lay over Bundelkhand. The winds blew from the normal monsoon directions generally, but the force was on the whole lighter than usual. The temperature conditions relatively to the normal were generally similar to those reported on the preceding day. Showery weather had prevailed over the greater part of the country, but in the Punjab,

Sind and the Bombay Deccan the weather had been practically rainless, while contrary over the Central Provinces heavy continuous rain had fallen.

Wednesday, July 6th.—The depression had reached the region represented by the stations of Jhansi, Neemuch and Saugor, and pressure had given way briskly over North-West India. Ordinary monsoon winds continued to prevail generally, but the force remained low for the time of year over a large part of the country. The mean temperature was low over the central parts of the country and Lower Bengal, high over North-West India and Madras and about normal elsewhere. Rain continued absent from Upper India, Sind, the Deccan and Madras, while elsewhere showers were general with heavy falls of rain in places.

Thursday, July 7th.—The depression had been absorbed in the low pressure area over the western desert, and the barometer had risen over a large part of the country. The winds were little changed and remained rather light in force. The mean temperature was low over North Bombay and the Central Provinces, but was very high in North-West India and considerably above the average in Madras, Upper Burma and Bihar. Showery weather had prevailed generally, except in Upper Burma, the Punjab, Sind and Madras, where the weather was fine.

Gujarat and decreased briskly around the head of the Bay. A small depression appeared to be developing over the north-west angle of the Bay, but otherwise the pressure conditions were little changed. Calms and light variable breezes prevailed over Bengal and the Gangetic Plain, southerly winds in parts of Rajputana and Gujarat, northerly winds in parts of the west coast and light but fairly normal winds elsewhere. Temperature remained low over North Bombay and Rajputana as well as in Lower Burma, but elsewhere the heat was excessive—more particularly in North-West India and in the Carnatic. The weather had been fine over the west of the North-West Provinces and over the Punjab and had been more or less showery elsewhere.

Saturday, July 9th.—Pressure conditions were practically unchanged and the depression at the head of the Bay had not developed. The winds were irregularly cyclonic around the head of the Bay and unusually westerly over the Gangetic Plain, but elsewhere the directions were fairly normal. The mean temperature had fallen below the normal over the North Gangetic Plain and remained below over North Bombay and the Central Provinces, while elsewhere the heat was generally excessive. There had again been no rain over Sind, the Punjab, Central India and parts of the Deccan and of Khandesh, while in other parts of the country the weather remained showery. Heavyish rain had fallen along the North-West Himalayas.

Temperature.—There have been very marked contrasts in temperature during the week under review. Thus on the same day the mean temperature has been largely above the normal in certain districts, while in adjoining districts it has been equally largely below. The following variations of the mean temperature from the normal exhibit these contrasts very clearly:

July	3rd		Montgom	ery			-1	2°.1	Neemuch	4	+	5°.8
	4th		,,		•	. 2	_	40.0	Bickaneer		+	60.3
	5th		Seoni				_	70.0	Sambhur		+	7*.8
	6th		Khandwa	0				80.4	Bickaneer		+	9°.4
	7th		Rajkot	٠		٠	-	7°.4	Mooltan		+1	10.7
	8th		Deesa			q	_	80.5)) à		+	8°.5
	oth		Bhui					4°.8	E204 39		+	70.6

These opposite variations have to a great extent balanced each other, so that the mean temperature of the whole country has not differed much from the normal.

The following table gives temperature data for the week:

Province.				JULY 18	98.			Mean
•	3rd	4th	5th	6th	7th	8th	9th	variation of week.
•	0	0	0	0	0	0	0	0
Burma . •. Bengal and Assam North-Western Provinces and	+0.2	+0.3	+0.3	+0.3	+1,1	+1.0	+1.4	+0.4
Oudh Punjab Bombay Central Provinces and Berar Central India and Gujarat Sind and Rajputana	-0.8 -6.5 +0.6 -0.8 +1.5 +2.9	+ 2.6 + 0.6 + 0.9 - 1.0 - 2.4 + 3.7	+ 1.4 + 3.3 + 0.8 - 3.4 + 1.6 + 4.6	+1.3 +5.0 +0.4 -4.9 -0.1 +4.7	+1.6 +5.0 +1.4 -1.9 +4.5	+3.0 +3.8 +1.3 +1.3 -4.1 -0.8	-0.3 +1.4 -1.4 -1.4	+ 1'3 + 2'3 + 1'0 -1'3 -1'3 + 2'8
Mean for whole of India	-0·I	+0.4	+1.0	+0.8	+3.1	+3.8	+ 2.2	+ 2.3

On the first day the mean temperature of India was about normal, but thereafter it rose to slightly above the normal and so continued to the close of the week. The provincial variations show that the mean temperature of the week was below the normal in the Central Provinces, Gujarat and Central India, about normal in Burma and Bengal and above the normal over the remainder of India. The greatest range of temperature was shown in the Punjab where the mean was 6°5 below the average on the 3rd and 5°0 above on the 6th, 7th and 9th.

The highest recorded maximum on each day was as follows:

On July	3rd						105°-4	at	Jacobabad.
)) i	4th				•	•	1110.3	33	>>
99	5th	•		٠			1154.6	93	3)
22	6th	9		:	0	•	1140.2	27	33
9>	7th	٥	•				1180.5))	39
33	8th	٠	٠		٠		1130:7	3.2	3)
29	9th		• 188				1120.2	17	39

Rain.—The rainfall during the week under review has been, as was the case last week, very extensive, but generally light in amount. A few divisions have, however, from various causes, received heavier rain than usual. These are—the Burma Coast where throughout the week a steady monsoon blew from the south and east of the Bay; the central parts of the country and West Bengal which received some very heavy rainfall when the barometric depression noticed in the earlier portions of this summary was passing across the head of the Peninsula; and North Bombay which received heavyish showers when the above depression was absorbed into the low pressure area over the western desert. In nearly all other places the weather was undisturbed by any storm, and the rainfall was deficient in sympathy with the generally feeble monsoon currents. The rainfall returns show that rain was received daily over Tenasserim, Lower and Central Burma and Arakan. It fell mainly on the last three days of the week in Upper Burma. It fell daily in Assam, Bengal and Bihar, but was generally heavier in the first than in the second half of the week. In the North-West Provinces showers occurred throughout the week, but more frequently in the first than in the second half, while in the Punjab, on the contrary, the fall was generally in the second half. The west coast districts of the Peninsula received daily showers, while the the central parts of the country report heavy rain in the early part of the

period and only light showers in the latter part. Sind and Kathiawar had showers at the close of the week. In the centre and east of the Peninsula scattered infrequent showers were reported throughout the week.

The rainfall table at the close of the summary shows that only one division—vis.. Baluchistan—received absolutely no rain during the week, but three other divisions—vis., the South-East Punjab, the West Punjab and West Rajputana—reported an average actual rainfall of less than one-tenth of an inch for the week. In all other parts of the country effective rain was received, the average actual rainfall ranging from 15'07 inches in Arakan, 8'56 inches in Tenasserim, 7'25 inches in the Konkan and 6'97 inches in Malabar, to 0'14 inch in the South Punjab and South Madras. The third column of the table shows that the rainfall of the week was in excess of the average only in fifteen divisions. These divisions were—Deltaic and Central Burma, Arakan, Deltaic Bengal, Chota Nagpur, the North-West Provinces (East), South-Central Madras, Khandesh, Berar, the west and centre of the Central Provinces, Kathiawar, Sind, the east of Central India and the south of Hyderabad. The excess was nearly 4 inches in Arakan and over 2 inches in the Central Provinces, but was small or moderate elsewhere. Over the whole of the remainder of India and Burma the fall for the week was short of the normal, the principal cases of deficiency being 5'40 inches in the Assam Hills and Coorg, 4'91 inches in the Bengal Hills, 3 inches or more in Assam (Surma), North Bengal, the Punjab Hills and the Konkan and over 2 inches in Tenasserim and the west-submontane division of the North-West Provinces.

The three concluding columns of the table show that the monsoon up to date has been heavier than usual over Chota Nagpur, the east, east-submontane and hills divisions of the North-West Provinces, South Oudh, the North Punjab, the Bombay Deccan, the west and centre of the Central Provinces and Gujarat; that it has been normal over Deltaic and Central Burma, Arakan, East Bengal, the Assam Valley, Deltaic, Central and North Bengal, South Bihar, North Oudh, the central division of the North-West Provinces, the south, central, submontane, hills and west divisions of the Punjab, Malabar, Coorg, the Konkan, Khandesh, Berar, the east of the Central Provinces, Sind, Central India (East), the East Coast (North) and Madras (South) and has been more or less deficient elsewhere. In Baluchistan there has been no rain throughout the monsoon period and in Western Rajputana the deficiency is large.

		SCA1HFAL:	JULY 9TH, 1891	RE EMPING	RAINFALL	JULY 9TH, 1898	T 19TH TO
PROVINŮE.	DIVISION.	Average actual rainfall of division,	Average normal rainfall of division.	Excess or defect in Inches.	Average actual rainfall of season to date.	Average nor- mal rainfall, May both to July 9th.	Excess or de- fect of (sea- sonal) rain- fall expresses as a per- centage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do, 4. Upper do, 5. Arakan	8·56 6·54 4·20 0·77 15·07	11'21 4'92 2'57 2'70 11'11	- 2.65 + 1.62 + 1.63 - 1.93 + 3.96	44'73 31'96 15'18 7'18 61'53	57'0\$ 27'25 15'10 14'34 71'46	- 22 + 17 + 1 - 50 - 14
BENGAL AND ASSAM .	6. Eastern Bengal 7. Assam Surma 8. Do, Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	3'01 2'71 4'34 4'06 3'18 1'76 2'09 5'26 1'66 3'26 2'48 1'93	4'12 5'71 9'74 4'26 2'55 2'98 5'46 10'17 2'41 2'58 2'86 3'70	- 1'11 - 3'00 - 5'40 - 0'20 + 0'63 - 1'22 - 3'37 - 4'91 - 0'75 + 0'68 - 0'38 - 1'77	24.52 25.53 37.00 19.74 15.59 17.28 27.48 25.65 9.40 17.09 8.39 9.62	26.08 35.19 47.04 21.76 14.31 14.73 31.83 41.68 11.87 11.32 9.33 13.15	- 27 - 21 + 11 - 3 - 2 + 5 - 1
North-Western Provinces and Oudh.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane, 24. Do. West do. 25. Do. Hills	3.61 1.88 1.83 1.12 0.28 2.11 0.82 2.62	2°17 2°36 3°16 2°15 1°76 2°84 3°14 3°55	+ 1'44 - 0'48 - 1'33 - 1'03 - 1'48 - 0'73 - 2'32 - 0'93	9'40 8'32 8'56 6'60 1'73 10'98 5'91	6.65 6.86 8.39 5.00 4.23 8.58 8.06 9.86	+ 4 + 2 + 1 - 5 + 2 - 2 + 3
Ponjab	*26. South-East Punjab	0'07 0'14 0'75 0'63 0'92 0'48 0'03	1'96 1'04 0'76 1'88 4'57 0'56	- 1.89 - 0.90 - 0.01 - 1.25 - 3.65 - 0.08 - 0.34	2·88 2·90 2·11 4·01 9·23 2·91 1·08	4'69 2'77 2'42 4'67 10'82 1'78	- 3: + 1: - 1: + 6: - 3:
Bombay and Malabar Coast Districts (Madras).	33. Malabar 34. Madras South-Central. 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	6'97 1'29 4'17 0'83 7'25 1'01	7'46 1'17 '9'59 1'48 11'10 1'66	- 0'49 + 0'12 - 5'42 - 0'65 - 3'85 - 0'65	41'01 4'07 30'04 5'11 43'32 9'10	45.52 6.86 37.24 6.94 40.16 7.44	- 10 - 42 - 19 - 26 + 8 + 22
CRUTRAL PROVINCES AND BERAR.	41. Berar 42. Central Provinces West 43. Do. do. Central 44. Do. do. East	2.89 5.00 5.42 3.35	2'38 2'34 3'38 3'49	+ 0.21 + 2.04 + 3.04	9°18 13°52 15'64 11'88	11.92 11.92 9.92	+ 30 + 31 - 6
BOMBAY (NORTH)	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	4'03 2'24 0'55	4'03 0'36 0'11	+ 0.10 + 0.10 0	13°25 3°73 0°55	10°10 4°89 0°65 0°20	+ 31 - 24 - 15 - 100
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Central India West. 51. West Rajputana	3,01	2·48 2·03	+ 1'43 0'91 0'67	10°01 4°37 0°52	10.26 6.41 2.60	- 5 - 35 - 80
Mangas	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0.80 0.95 1.61 0.23 0.37 0.39 0.14	1°50 2°48 1°22 0°71 0°88 0°65	- 0'79 1'53 + 0'39 - 0'48 - 0'51 - 0'26 - 0'05	7.76 6.85 5.16 2.83 3.01 2.00	6·76 13·73 6·50 3·72 3·88 3·19	+ 15 - 50 - 20 - 24 - 22 - 38 - 10

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS, Secretary to the Government of India.

SIMLA, 14th July, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending oth July.—The rainfall was heavy on the West Coast and in parts of the Nilgiris and light generally elsewhere. Since the close of the week some good showers fell in parts of the Deccan and Central districts. The water-supply is very low except under the larger rivers and in wells. Sowings are much retarded by the absence of rain, and the standing crops in the Deccan, the Central, the Carnatic, and the Southern districts are withering from the same cause. Pasture is scanty, but supplies of fodder are sufficient generally. The condition of cattle is normal. Prices are steady in the Circars and on the West Coast; elsewhere they are slightly rising. The numbers relieved in Nellore were—341 men, 354 women, 126 children; total 821 on works; and 1 woman, 19 children as dependants fed at kitchens; grand total 841. Loans disbursed during the week Rs. 2,140.

Bombay.—For week ending 13th July.—Rain fell in all districts during the week, except in Upper Sind frontier. It was generally sufficient and seasonable in Gujarat and Konkan; elsewhere it was moderate or slight. More rain is urgently wanted throughout the Deccan and Karnatak and in parts of Thar and Parkar, Surat, and Baroda territory. The standing crops are withering in parts of Poona and Bijapur and have been injured by insects in parts of Panch Mahals and Bijapur. The sowing of early crops is progressing, except where retarded for want of rain. Transplantation continues in seven districts. Fodder is sufficient, except in two talukas of Karachi. Agricultural stock is healthy, except in two talukas of Thar and Parkar. Prices have fallen in five and risen in seven districts. The price of jowari in Sholapur was 15½ and in Poona 15 seers per rupee. The average number of relief workers in Sholapur was—12,729, of whom 4,026 are men, 6,846 women, and 1,857 children. On gratuitous relief—Sholapur—3,998, of whom 1,697 are men, 1,632 women, and 669 children. On test works—Poona 2,124, of whom 758 are men, 1,083 women and 283 children.

Bengal.—For week ending 11th July.—There was rain in all parts of the Province during the week, and the general agricultural prospects are favourable. The cultivation of winter rice is progressing, but more rain is required in some districts for purposes of transplantation. Early rice and jute are doing well, and the reports of the autumn crops in Behar are good. Damage to early rice is reported to have been done by floods in Midnapore and by excessive rain in Noakhali; in Murshidabad the paddy plants in some of the fields in the police station of Jalangi have been destroyed by insects. The sugarcane and indigo crops are promising. No important change in the price of rice is reported. There is plenty of fodder everywhere.

North-Western Provinces and Oudh.—For week ending 13th July.—Good and sufficient rain has fallen during the week in all, but a few of the most Western districts. Ploughing and sowing for the autumn crops are in active progress, and germination is reported to be good. Weeding has begun. Indigo and sugarcane are thriving. The markets are well supplied; supplies and fodder are sufficient and prospects are generally good. Prices are practically stationary.

Punjab.—For week ending 13th July.—Rain has fallen ranging from 3\frac{1}{2} inches in Jullundur; 2\frac{1}{2} in Amritsar; 2 in Peshawar; 1\frac{1}{2} in Umballa and Rawalpindi; 1\frac{1}{2} in Lahore; one in Delhi and Sialkot; \frac{1}{2} an inch in Hissar to \frac{1}{2} in Ferozepore and Dera Ismail Khan; no rain is reported from Mooltan. Sowings of autumn crops are going on, but more rain is needed in certain districts. The

condition of the standing crops is generally reported good, and the recent rain has benefited the crops and improved their prospects. The stock of food-grains is sufficient throughout the Province. Locusts appeared in parts of Lahore and did a little damage to the crops. Cattle are generally in good condition. Fodder is said to be sufficient throughout the Province. Prices are rising in Hissar, Umballa, Mooltan, Peshawar, and Dera Ismail Khan; falling in Delhi, Amritsar, and Rawalpindi; and are unchanged elsewhere. Wheat is selling from 15 to 20, barley 24 to 32, gram 20 to 24, bulrush-millet 18 to 24, maize 16 to 24, great millet 18, and rice 9 to 10 seers per rupee.

Central Provinces.—For week ending 13th July.—The weather is generally cloudy with beneficial rains in most districts. Hoshangabad has received nearly 10 inches; Saugor, Jubbulpore, Chanda, and Bhandara from over 5 to nearly 7 inches; ten districts have received from 2½ to over 4 inches; in the other districts the showers have been lighter. Sowing continues, and weeding and transplanting operations have commenced in places. The crops which have germinated are reported to be doing well. Prices show generally downward tendency. The cheapest prices are—wheat 16, gram 32, rice 16, and juar 23 seers per rupee; in six districts wheat is selling under 12 seers per rupee and in three districts rice is under 10 seers per rupee.

Burma.—For week ending oth July.—In Lower Burma ploughing is in progress, and sowing is reported from nearly all districts. In Upper Burma more rain is wanted in parts of Magwe, Bhamo, Myitkyina, Shwebo, Thayetmyo, Mandalay, the Ruby Mines district, Sagaing, Meiktila, and Myingyan; but the general condition of cultivation and crops is fair up to the present. Withering of young crops is reported from parts of Thayetmyo, Mandalay, Myitkyina, and Meiktila. The price of paddy has risen slightly in Rangoon, Tharrawaddy, and Thatôn; and has fallen slightly in Henzada, Thayetmyo, and the Southern Shan States.

Assath.—For week ending 12th July.—The weather is hot and rainy and favourable for tea. More rain is wanted in Cachar for agricultural purposes. Sowing of early rice still continues in the Surma Valley, and the crop is being reaped in the Assam Valley. Prospects are good in Goalpara and fair in other districts. Late rice cultivation is in progress. Prospects of tea have improved in the Surma Valley; are fair in Nowgong; and good in other districts. Jute prospects are good in Goalpara and fair in Sylhet. Prices—common rice—Silchar 8\frac{3}{4}, Sylhet 9\frac{3}{6}, Dhubri 11\frac{1}{4}, Gauhati 11, Tezpur 8\frac{1}{4}, Nowgong 8, and Sibsagar and Dibrugarh 10 seers per rupee.

Mysore and Coorg.—For week ending 13th July.—MYSORE: Two cents rain in the Civil and Military Station and good rain in parts of Kadur and Shimoga; slight elsewhere. Prices have slightly risen in Kolar and Mysore; and fallen in Kadur and Shimoga. Ragi (Eleusine coracana) has been sown in five districts.

COORG: Rainfall 3 inches 44 cents. More rain is wanted in parts. Transplanting of rice has commenced. Ragi (Eleusine coracana) plants are thriving. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 13th July.—BERAR: The weather was cloudy with seasonable rainfall during the week. The monsoon crops have germinated in parts of all districts. Cotton and jowar (Sorghum vulgare) are in satisfactory condition. Sowings are in progress. The fodder and water-supply are adequate. Prices of food-grains have fallen.

HYDERABAD: Rainfall during the week one inch 27 cents. The autumn sowings continue. The hot weather rice crop sowing has begun in parts. Prices of grain are stationary. Prices—wheat 7½, coarse rice 7½, and jowari 14½ seers per current sicca rupee.

Central India.—For week ending 13th July.—Good rain has fallen throughout Central India, but the fall seems still insufficient in Gwalior, Malwa, and Bhopawar. Agricultural operations are in progress in all the Agencies. The

standing crops have been injured to some extent in the Jobat tehsil of Bhopawar by catterpillars; but are in good condition elsewhere. Reports of agricultural stock and pasturage are favourable, except in Gwalior. Prices are low in Malwa; falling in Bhopawar; and steady everywhere.

Rajputana.—For. week ending 13th July.—Rainfall—nearly 6 inches in Abu and Pertabgarh; over 4 inches in Kherwara; above two and half in Meywar and over 2 inches in Jhallawar; less than 2 inches in Sirohi, Kotah; Bundi, Shahpura, and Deoli; over half an inch in Tonk, Ajmere, Dholepore, and Renni in Bikaneer; slight rain elsewhere. No rain in Jaisalmere, and more is wanted generally. Locusts passed over Marwar, from west to east on the 9th instant and appeared in Kerowlee, but have done no damage. Agricultural operations are satisfactory, and sowings have commenced in parts. Agricultural stock is generally in good condition. Pasturage or fodder is sufficient; but is scarce in parts of Meywar. Prices are rising in Marwar; falling in Kherwara, Pertabgarh, Meywar, and Jhallawar; and are steady elsewhere.

Kashmir.—For week ending 12th July.—The weather is rainy. Spring crop reaping is in progress. Prices are normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 13th July.—Good rain during the week. There has been a slight fall in prices. Wheat is 17 and barley 28 seers per rupee. Sowing of autumn crops is in progress. The condition of the standing crops is good. Fodder is sufficient.

Nepal.—For week ending 9th July.—Rainfall 4'17 inches. The weather is sultry. Upland crops are promising. Lowland rice requires more rain. Rice —7\frac{3}{4} seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

*				Pu	ECEDING WEI	EK.	F	RESSRT WEE	K.	
Name	OF PRO	VINCE.		Relief works.	Gratuitous relief.	Total,	Relief works.	Gratuitous relief.	TOTAL.	Increase or decrease.
Madras			•	973	22	995	821	20	841	- 154
Bombay	٠	•		13,755	3,823	17,578	14,853	3,998	18,851	+ 1,273
	Tor	AL		14,728	3,845	18,573	15,674	4,018	19,692	+1,119

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

BEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

.-The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and

bouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons

	1			1			1					
Name of Province and	FOR T	HE WEEK 18TH JUN	ending B 1898.	FOR THE 2	HE WEEK	ENDING E 1898.	FOR THE	HE WEEK	MDING Y 1898.	FOR TE	E WEEK	ENDING 1898.
District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
Madras.	1,257	28	1,285	817	25	842	1,024	27	1,051	973	22	995
Total Madras	1,257	28	1,285	'817	25	842	1,024	27	1,051	973	22	995
Bombay.					•							
olapur	9,441	3,148	12,589	9,903	3,240	13,143	10,207	3,491	13,698	11,789	3,823	15,612
ona	1,090	***	1,090	1,404	•••	1,404	1,656	***	1 ,65 6	1,966	•••	1,966
TOTAL BOMBAY .	10,531	3,148	13,679	11,307	3,240	14.547	11,863	3,491	15,354	13,755	3,823	17,578
RAND TOTAL FOR ALL PROVINCES.	11,788	3,176	14,964	12,124	3,265	15,389	12,887	3 ,518	16,405	14,728	3,845	18,573

dates at the head of the table are the dates of the Gazette of India in which the Provincial totals were published. The figures, however, how the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

ed 15th Fuly, 4898.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JANUARY SOTH JUNE 1897, AND FROM 1ST JANUARY TO SOTH JUNE 1898.

N.B.—As regards the figures in column Total Earnings from 1st January 1898, audited figures have been used, as far as possible.

	Average earnings por mile	JUAN	ST 11 DAYS	serve much	LAS	TT 12 DAYB JUNE 1898.		Earnings	Barnings	PORBLUIO
BAILWAY,	per week during		Earnin	ga.		Earnin		from 1st	January	Increase
	the first- half of 1897.	Moan mileage worked.	TOTAL.	Per mile open.	Mean mileage worked.	TOTAL.	Per mile open.	to 30th , June 1897.	to 80th June 1898.	THE CORRECT
State Lines worked by companies.	Rs.	Miles.	Rs.	Ra.	Miles.	Rs.	Rs.	Rs.	• Rs.	Rs.
East Indian Bengal Central	673	1,737	17,40,707	1,002	1,740	18,71,000	1,075	3,03,96,400	3,14,17,000	10,20,600
Bongal-Nagnur	140 160	125 862	24,411 1,90,387	195 221	125 962	86,500 1,92,000	292 200	4,54,749 35,91,952	5,28,000 41,12,000	73,251 5,20,038
Indian Midland (including Bhopal-Itarsi) Bezwada Extn. (East Coast State)	158 149	752 21	1,57,235 4,154	209	800	1,08,000	135 290	81,28,835 82,919	35,20,000	3,91,165 25,081
Madras-Ennur sec. (Bezwada-Mad.) Metre gauge—	157	9	1,889	210	9	1,500	167	34,583	20,300	111
Rajputann-Melwa (including Godhra-										
Rutlam-Nagdá) Pálanpur-Dosa	218 55	1,815	5,31,924 3,458	293 203	1,815	6,96,000	383 76	1,03,05,885	1,20,67,000	17,61,115
South Indian Mayavaram-Mutupet	171	1,042	3,59,533	345	1,042	3,95,000	379	46,24,664	43,27,000	***
Southern Mahratta (including Guntakal-	95	54	10,680	198	54	10,100	187	1,32,784	1,24,000	•••
Mysore Frontier section) Mysore section (Southern Mahratta)	126 117	1,165	2,48,928	214 224	1,165	2,03,000 88,700	174 131	88,08,498 9,02,004	8,15,000	
Bengal and North-Western (including			,							
Lucknow-Bareilly	356 81	815 200	1,58,572 28,839	188 144	924	2,04,000 33,500	221 167	33,09,864 4,77,617	35,86,000 5,85,000	2,76,136 1,07,383
Assam-Bengal	59 224	159 886	26,893 2,49,510	131 282	295 936	\$0,100 3,00,000	170 321	51,59,558	6,60,000 51,28,000	1,38,143
State Lines worked by the State.	253	9,955	37,92,452	381		41,46,800	3399	6,69,56,502	7,01,13,500	31,56,998
Standard gauge—										
North Western (a) . Oudh and Robilkhand (including the	200	2,883	9,03,822	314	2,885	16,96,000	588	1,47,98,588	2,13,47,000	65,48,482
metre gauge link)	204	875	3,44,458	394	1,013	3,87,000	382	44,86,669	52,78,000	7,91,332
East Coast (inoldg. metre & 2' 6")	284 102	816 505	3,75,122 74,255	460 139	818 537	1,45,000	494 270	60,18,353 13,98,656	67,09,000 16,19,000	6,90,647 2,20,344
Special gauges— Jorhát	71	25	4,176							a,20,022
Cherra-Companyganj	57	20	4,110	167	25	2,100 (b)	84	52,024 (c)9,308	44,800 (d)1,800	***
Lines worked by guaranteed cos.	203	5,134	17,01,828	881	5,278	26,34,100	4,90	2,67,63,547	3,49,99,600	82,36,053
Standard gauge— Great Indian Peninsula (c)	405		0.00.00							
Bombay, Baroda and Central India	405 683	1,491 461	8,03,676 4,26,445	539 925	1,491 461	9,38,000	629 1,078	1,57,06,082 81,89,063	1,97,57,000 88,96,000	40,50,918 7,06,932
Madras	265	840	3,86,525	460	840	4.06,000	483	57,89,562	56,28,000	***
TOTAL (GUARANTKED AND STATE)	409 .263	2,792 17,881	16,16,646 71,10,926	579	2,792	18.41,000 86.21,900	467	2,96,84,712 12,34,04,761	3,42,81,000 13,93,94,100	45,96,288 1,59,89,339
Assisted companies.	1200				20,202	111,22.1100	301	reduced to a 100 T	10,00,04,100	1,00,00,000
tandard gauge— Dolhi-Umballa-Kalka	162	160	42,760	267	162	44,800	277	6.77.978	9,13,000	2,35,022
Tarkessur Southern Punjab (Delhi-Samasata)	308	22	8,156	371	22 400	8,000 94,800	864 237	1,78,292	1,84,000 8,00,000	5,708 8,00,000
Robilkhand and Kumaon (Co.'s sec.)	121					,				
Bengal Docars . Dibru-Sadiya	118	66 36	11,961 19,325	181 584	66 36	16,700 14,300	258 397	2,07,878	2,28,000 96,800	20,122
Ahmedabad-Parantij	196 55	78	25,806 2,746	331 67	78 55	28,000 5,900	295 107	3,94,155 (/) 16,391	4,08,000	13,845
pecial gauge — Darjeeling-Himalayan	-									66,309
Torax	261 175	454	17,714	347	870	28,000 2,35,500	- 549 271	8,45,810 19,32,598	3,44,000	11,23,902
worked by other agencies.						-, -, -, -, -, -, -, -, -, -, -, -, -, -		20,000,000,00	13,00,000	22,20,000
Bine-Goons		-								
Bhopal-Ujjain	34 74	74 114	4,814 i 12,655	65 111	74 114	2,800 13,700	38 120	68,723 2,19,482	57.400 2,25,000	5,568
Nagda-Ulinin	74	85	5.226		27.0	== 1000	W 2017		68,700	1,857
The Nizam's guaranteed state				149	35	3,100	89	66,843		1,507
The Gackwar's Petlad	204 100	334 13	1,08,331 5,168	324 398	35 334 13	1,48,000 1,800	443 188	66,843 17,68,638 34,762	20,16,000 20,800	2,47,362
The Gackwar's Potlad Rajpura-Bhátinda Kolar Gold-fields	201	334 13 108	1,08,331 5,168 20,177	324 398 187	334 13 108	1,48,000 1,800 26,700	443 138 247	17,68,638 34,762 3,98,927	20,16,000 20,800 3,70,000	2,47,362
The Nizam's guaranteed state The Guak-Bhátinda Rájpura-Bhátinda Kolar Gold-fields	204 100 142	334 13	1,08,331 5,168	324 398	334 13	1,48,000 1,800	443 188	17,68,688 34,762	20,16,000 20,800	2,47,362
The Gackwar's Petlad Rajpura-Bhatinda Kolar Gold-fields etre gauge— Yesvantpur-Mysoro Frontier section (including Mysoro-Naniangod)	204 100 142 380	334 13 108 10	1,08,331 5,168 20,177 5,517	324 398 187 552	334 13 108	1,48,000 1,800 26,700	443 138 247	17,68,638 34,762 3,98,927	20,16,000 20,800 3,70,000 1,04,000	2,47,362 5,146
The Nizam's guaranteed state The Gackwar's Petlád Rájpura-Bhátinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangúd). The Gackwar's Mehsana Kolhápur	204 100 142 380 82 77	334 13 108 10 10	1,08,331 5,168 20,177 5,517 9,789 19,845	324 398 187 552 148 213	334 13 108 10 66 93	1,48,000 1,800 26,700 8,400 8,200 14,500	1443 188 247 840 124 156	17,68,638 34,762 8,96,927 98,854 1,42,728 1,84,517	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000	2,47,362
The Gackwar's Petlad Rajpura-Bhátinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangud). The Gackwar's Mehsana Kolhápur pecial gauges— The Gackwar's Dabhoi	204 100 142 380 82 77 77	834 13 108 10 66 93 29	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194	324 398 187 552 148 213 145	334 13 108 10 66 93 29	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800	443 188 247 840 124 156 97	17,68,638 34,762 8,98,927 98,854 1,42,728 1,84,517 57,827	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100	2,47,362 5,146
The Gackwar's guaranteed state The Gackwar's Petlád Rájpura-Bhátinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangúd). The Gackwar's Mehsana Kolhápur pecial gauges— The Gackwar's Dabhoi Raipipla	204 100 142 380 82 77 77 77	334 13 108 10 66 93 29 72	1,08,331 5,168 20,177 5,517 9,739 19,845 4,194 4,819	324 398 187 552 148 213	334 13 108 10 66 93	1,48,000 1,800 26,700 8,400 8,200 14,500	1443 188 247 840 124 156	17,68,638 34,762 8,96,927 98,854 1,42,728 1,84,517	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000	2,47,362 5,146
The Clackwar's guaranteed state The Gackwar's Petlad Rajpura-Bhatinda Kolar Gold-fields etre gauge— Yesvantpur-Mysore Frontier section (in- oluding Mysore-Nanjangdd). The Gackwar's Mehsana Kolhapur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar	204 100 142 380 82 77 77 77 71 67 55	834 13 108 10 66 93 29 72	1,08,331 5,168 20,177 5,517 9,739 19,845 4,194 4,819 (g)309	324 398 187 552 148 213 145 67	334 13 108 10 66 93 29 79 19	1,48,000 1,800 26,700 8,400 8,200 18,500 2,800 6,900 400 1,500	124 156 97 21 68	17,68,638 31,762 8,98,927 98,854 1,42,728 1,64,517 57,827 1,32,290 38,675	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400	5,146
The Gackwar's Petlad Rajpura-Bhatinda Kolar Gold-fields stro gaugs— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangad). The Gackwar's Mehsana Kolhápur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Total Lines owned & worked by p. states.	204 100 142 380 82 77 77 77	334 13 108 10 66 93 29 72	1,08,331 5,168 20,177 5,517 9,739 19,845 4,194 4,819	324 398 187 552 148 213 145	334 13 108 10 66 93 29 79 19	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 400	443 138 247 840 124 156 97 87 21	17,68,638 31,762 8,98,927 98,854 1,42,728 1,64,517 57,827 1,32,290	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800	5,146
The Cizam's guaranteed state The Gackwar's Potlad Rajpura-Bhatinda Kolar Gold-fields etre gauge— Yesvantpur-bysore Frontier section (including Mysore-Nanjangud) The Gackwar's Mehsana Kolhapur becial gauges— The Gackwar's Dabhoi Bajpipla Cooch Behar Total ines owned & worked by n. states. etre gauge— Bhavangar-Gondal-Junagad-Porbandar	204 100 142 380 82 77 77 71 67 55 128	834 13 108 10 10 66 93 29 72 22 970	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)309 2,00,176	324 398 187 552 148 213 145 67 14 206	334 13 108 10 66 93 29 79 19 22 996	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 400 1,500 2,38,800	124 156 97 87 240	17,68,638 31,762 8,98,927 98,854 1,42,728 1,64,517 57,827 1,32,290 38,675 32,07,216	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400 33,63,200	2,47,362 5,146 4,800
The Gackwar's Petlad Rajpura-Bhatinda Kolar Gold-fields etre gauge— Yesvantpur-Mysore Frontier section (in- oluding Mysore-Nanjangdd). The Gackwar's Mehsana Kolhápur Decial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Total Lines owned & worked by n. states. etre gauge— Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot	204 100 142 380 92 77 77 71 67 55 128	834 13 108 10 66 93 29 72 22 970	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)309 2,00,176	324 398 187 552 148 213 145 67 -14 206	334 13 108 100 66 93 29 79 19 22 996	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 400 1,500 2,38,800 68,900 7,100	124 156 97 87 21 68 240	17,68,638 31,762 8,98,927 98,854 1,42,728 1,84,517 57,827 1,32,290 38,675 32,07,216 10,90,441 1,04,827	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400	2,47,362 5,146 4,800
The Gackwar's Petlad Raipura-Bhatinda Kolar Gold-fields sere gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangad) The Gackwar's Mehsana Kolhapur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Lines owned & worked by n. states. setre gauge— Bhavnagar-Gondal-Junagad-Porbandar Jetalsar-Rajkot Jamnagar	204 100 142 380 82 77 77 71 67 55 128	334 13 108 10 66 93 29 72 22 970	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)—309 2,00,176 56,591 6,919 4,080	324 398 187 552 148 213 145 67 -14 206	334 13 108 10 66 93 29 79 19 22 996	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 4,000 1,500 2,38,800	124 156 97 240 191 154 81	17,68,638 31,762 8,98,827 98,854 1,42,728 1,84,517 57,827 1,32,290 38,675 32,07,216	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400 33,63,200 10,83,000 95,900 52,600	2,47,362 5,146 4,800 1,55,964
The Nizam's guaranteed state The Gackwar's Petlád Rájpura-Bhátinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangúd). The Gackwar's Mehsana Kolhápur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Total Lines owned & worked by n. states. letre gauge— Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot Jámnagar Dhrangadra Jodhpur-Bickaneer Oodeynore-Chitor	204 100 142 380 82 77 77 71 67 55 128	834 13 108 10 66 93 29 72 22 970 384 46 51	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)309 2,00,176 56,891 6,919 4,080 38,694	324 398 187 552 148 213 145 67 -14 206 150 80 	334 108 100 66 93 29 79 19 22 996 334 40 54	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 4,00 2,38,800 7,100 4,400 600 86,800	124 156 97 87 21 68 240 191 154 81 29 91	17,68,638 31,762 3,98,927 98,854 1,42,728 1,84,517 57,827 1,32,290 38,075 32,07,216 10,99,441 1,04,827 (h)30,033 6,99,073	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400 33,03,200 10,83,000 95,900 52,600 (i) 1,600 6,00,000	2,47,362 5,146 4,800 1,55,984 22,567 1,600
The Gackwar's Petlad Rajpura-Bhatinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangud) The Gackwar's Mehsana Kolhapur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Lines owned & worked by n. states. letre gauge— Bhavnagar-Gondal-Junagad-Porbandar Jetalear-Rajkot Jamnagar Dhrangadra Jodhpur-Bickaneer Oodeypore-Chitor	204 100 142 380 82 77 77 71 67 55 128 127 87 49	834 13 108 100 66 93 29 72 22 970 834 46 51	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)309 2,00,176 56,891 6,919 4,080 38,694 5,350	324 398 187 552 148 213 145 67 -14 206 150 80 106 89	384 108 10 66 93 29 79 19 22 996 384 40 54 60	1,48,000 1,800 26,700 8,400 8,200 13,500 2,800 6,900 1,500 2,38,800 7,100 4,400 000 36,800 5,400	124 156 97 210 87 210 87 210 191 154 81 29	17,68,638 31,762 8,98,827 98,854 1,42,728 1,84,517 57,827 1,32,290 38,675 32,07,216 10,90,441 1,64,827 (h) 30,633	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 4,800 38,400 33,63,200 10,83,000 95,900 52,600 (i) 1,600	2,47,362 5,146 4,800 1,55,964
The Charm's guaranteed state The Gackwar's Potlad Rajpura-Bhatinda Kolar Gold-fields letre gauge— Yesvantpur-Mysore Frontier section (including Mysore-Nanjangad). The Gackwar's Mehsana Kolhapur pecial gauges— The Gackwar's Dabhoi Rajpipla Cooch Behar Total Lines owned & worked by n. states. letre gauge— Bhaynagar-Gondal-Junagad-Perbandar Jetalsar-Rajkot Jamasgar Dhrangadra Jodhpur-Bickanser	204 100 142 380 82 77 77 71 67 55 128	834 13 108 10 66 93 29 72 22 970 384 46 51	1,08,331 5,168 20,177 5,517 9,789 19,845 4,194 4,819 (g)309 2,00,176 56,891 6,919 4,080 38,694	324 398 187 552 148 213 145 67 -14 206 150 80 	334 108 100 66 93 29 79 19 22 996 334 40 54	1,48,000 1,800 26,700 8,400 8,200 14,500 2,800 6,900 4,00 2,38,800 7,100 4,400 600 86,800	124 156 97 87 21 68 240 191 154 81 29 91	17,68,638 31,762 3,98,927 98,854 1,42,728 1,84,517 57,827 1,32,290 38,075 32,07,216 10,99,441 1,04,827 (h)30,033 6,99,073	20,16,000 20,800 3,70,000 1,04,000 1,20,000 1,84,000 41,100 1,15,000 4,800 36,400 33,03,200 10,83,000 95,900 52,600 (i) 1,600 6,00,000	2,47,362 5,146 4,800 1,55,964 4 222,567 1,600

(f) From 1st May to 30th June 1897.
(g) The traffic was interrupted by the earthquakes. The represent certain adjustments.
(h) From 8th April to 30th June 1897.
(i) From 7th to 30th June 1898.

⁽a) Includes the Jummu and Kashmir and the Hyderabad-Shadipalli railways.

(b) Closed for traffic.
(c) From 1st January to 15th May 1897.
(d) From 8th March to 14th May 1898.
(e) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XII of 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

LAST 11 DAYS OF LAST 12 DAYS OF

•	Average	J	TT 11 DAYS UNE 1897.	OF		r 12 days une 1898.	OF	72			
RAILWAY.	earnings per mile		Earnin		25	Earning		Earnings from 1st April to	Earnings from 1st April to	Y	6
	week in 1897-98.		TOTAL.	Per mile open.	Mean mileage worked.		Per mile open.	30th June 1897.	Soth June 1898.	increase.	Doorease.
to lines worked by companies.	Ra., 654	Miles. 1,737	Rs. 17,40,707	Rs.	Miles. 1,740	Rs. 18,71,000	Rs.	Rs. 1,48,70,781	Ra. 1,55,68,000	Rs. 6,97,219	Re.
engal-Nagpur elian Midlaud (including Bhopal-Itarsi) ewaln Extn. (East Coast State) adras-Ennúr sec. (Bezwada-Mad.)	188 189 155 155 185	125 862 752 21 9	24,411 1,90,387 1,57,285 4,154 1,889	195 221 209 198 210	125 962 800 21 9	36,500 1,92,000 1,08,000 6,100 1,500	292 200 135 290 167	2,25,076 16,56,925 16,28,430 34,624 16,387	2,57,000 21,19,000 18,67,000 54,100 12,800	31,924 4,62,075 2,38,570 19,476	3,587
aputana-Malwa (including Godhra-Rutlam-Nagda) alanpur-Decea nuth Indian ayavaram-Mutupet puthern Mahratta (including Guntakal-	210 44 166 92	1,815 17 1,042 54	5,31,924 3,458 3,59,533 10,680	293 203 345 198	1,815 17 1,042 54	6,96,000 1,300 3,95,000 10,100	383 76 379 187	\$1,80,018 14,127 24,50,203 71,061	66,90,000 10,000 28,27,000 68,200	15,09,982	4,127 1,23,203 2,861
Nysore Prontier section) Lysore section (Southern Mahratta) engal and North-Western (including	113 123	1,165 296	2,48,923 66,847	214 224	1,165 296	2,03,000 38,7 00	174 131	21,36,305 5,12,650	17,10,000 4,07,000		4,26,305 1,05,650
Tirhoot section) neknow-Barcilly ssam-Bongal nrma Total	147 81 73 186	815 200 159 886 9,955	1,53,572 28,829 20,893 2,49,510 37,92,452	188 144 131 282	924 200 295 936 10,401	2,04,000 33,500 50,100 8,00,000 41,46,800	221 167 170 321 399	18,40,644 2,62,800 2,43,808 22,59,314 3,34,02,653	18,57,000 3,06,000 3,27,000 22,15,000 3,57,95,100	16,356 43,700 83,192	46,314
ate lines worked by the State. ard gauge— orth Western (a)	236	2,883	9,03,822	314	2,885	16,96,000	588	72,08,117	1,13,12,000	41,00,883	***
udh and Rohilkhand (including the metre gauge link) astorn Bengul (incldg. metre & 2'6") ast Coast quages—	195 362 106	.875 816 535	3,44,453 8,75,122 74,255	894 460 139	1,018 818 537	3,87,000 4,04,000 1,45,000	392 491 270	24.21,350 28,82,520 6,88,711	28,91,000 29,33,000 7,93,000	4.72,650 50,480 1,04,289	***
brhat herra-Companyganj	09 44 235	5,134	4,176	167 331	25 5,278	· 2,100 (b) 26,34,100	84	27,245 (c) 2,945	19,900 (d) 1,400	400	7,345 1,545
nes worked by guaranteed cos. ard gauge— reat Indian Peninsula (a)	381	1,491	8,09,676	539	1,491	9,38,000	499	1,32,30,888	1,79,53,300		
ombay, Baroda and Central India	586 261 379	461 840 2,792	4,26,445 3,86,525 16,16,646	925 460 579	461 840 2,792	4,97,000 4,06,000 18,41,000	629 1,078 483 659	74,62,449 46,10,662 30,01,270 1,50,74,381	1,03,80,000 55,24,000 29,04,000 1,88,08,000	29,17,551 9,18,338 37,38,619	97,270
DTAL (GUARANTEED AND STATE) Assisted companies. and gauge— with Umballa-Kalka	262	17,881	71,10,926 42,760	398 267	18,471	86,21,900 44,800	467	6,17,07,922 3,47,599	7,25,56,400 4,15,000	1 05,48,478	***
arkessur outhern Punjab (Dolhi-Samásata).	278 42	22	8,156	371	22 400	8,000 94,800	277 964 237	90,906	90,000 5,61,000	5,61,000	906
bhilkhand and Kumaon (Co.'s sec.) engal Dooars bbra-Sadiya bmedabad-Parántíj il gunge—	121 149 198 45	66 36 78 41	11,961 19,225 25,806 2,746	181 534 381 67	66 36 78 55	16,700 14,300 23,000 5,960	253 397 295 107	1,09.005 58,397 2,05,849 (f) 16,391	1,37,000 51,600 1,98,000 53,000	27,995 36,609	6,797 7,849
arjeeling-Himalayan Total les owned by native states and worked by other agencies.	274 147	454	17,714 1,28,368	347 283	51 870	28,000 2,35,500	549 271	1,90,093 10,18,240	2.06,000 17,11,600	15,907 6,98,360	181
Ina-Goona Ina-Goona Impal-Ujjain iudé-Ujjain Im Nizam's Guaranteed State In Gaokwar's Potlád ispura-Bhátinda kelar Gold-fiolds	26 61 60 211 84 122 402	74 114 35 334 13 108 10	4,814 12,655 5,226 1,08,331 5,168 20,177 5,517	65 111 149 324 398 167 552	74 114 95 334 13 106 10	2,800 13,700 8,100 1,48,000 1,800 26,700 8,400	38 120 89 443 138 247 840	32,945 1,00,293 39,588 8,48,684 22,132 2,13,487 46,863	31,300 1,18,000 37,200 10,58,000 14,900 1,96,000 52,000	17,707 2,09,316 5,137	1,645 2,388 7,232 17,467
esvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud) he Gackwar's Mohsona chiapur	84 71 57	66 98 29	9,739 10,845 4,194	148 218 145	66 93 29	8,200 14,500 2,800	124 156 97	75,284 1,07,604 31,501	64,000 1,05,000 23,200		11,234 2,604 8,301
ine Gaekwar's Dabhoi Tipipla Cooch Behar	51 11 54 120	72 22 970	4,819 (q) - 909 2,00,176	67 14 206	79 19 22 996	6,900 400 1,500 2,88,800	87 21 68	72,427 17,336 16,08,094	70,200 2,600 16,700	2,600 1,81,006	2,227
es owned & worked by n. states. Rauge- Baivingar-Gondal-Junagad-Porbandar etalsar-Rajkot Amaagar Dhrangadra oshpore-Bickanoor	97 82 38	834 46 51	56,591 6,919 4,080	169 150 80	394 46 54 21	63,900 7,100 4,400 600	191 154 81 29	5,55,592 53,638 (h) 30,033	6,72,000 53,400 31,400 (i) 1,600	1,16,478 1,967 1,600	238
Judeypore-Chitor al gauge— loryi	62 38	364	38,694 5,350	106	403 60	36,800 5,400	91 90	3,41,907 31,971	3,11,000	7,629	30,907
GRAND TOTAL	83 75 243	949 20,254	12,666 1,24,300 75,63,770	185 181 . 373	94 1,014 21,351	14,600 1,32,800 92,29,000	155 131 482	1,09,250 11,22,321 6,54,56,577	1,25,000 12,34,000 7,72,91,100	15,750 1,11,679 1,18,34,528	***
Includes the Jammu and Kashmin a											

cludes the Jammu and Kashmir and the Hyderabad-Shadipalli oned for traffic.

14. the 14th July, 1898.

ed for traffic.
In lat April to 15th May 1897.
In lat April to 15th May 1898.
Ides the Wardha Coal, the Dhond-Manmad, the Khangaon, and
Se Amnoti railways.

(f) From 1st May to 30th June 1897.

(g) The traffic was interrupted by the earthquakes. These figures represent certain adjustments.

(h) From 8th April to 30th June 1897.

(i) From 7th to 30th June 1898.

W. J. McELHINNY, Capt., R.E.,

Offg. Under Secretary.

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SUPPLEMENT TO

The Gazette of India.

No. 30.}

CALCUTTA, SATURDAY, JULY 23, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette of India may deem to be of interest to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rupes for annum if delivered in Calcutto, or eight Rupes if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupess six per annum if delivered in Calcutta or Rupess nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to bublish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

IMPORTS OF COTTON, WHEAT, LINSEED, AND INDIGG.

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rail and rist January to 31st May 1898, compared with

		Calcutta.		Ci	ity of Bomb	ay.		Karáchi.		r	TOTAL	
Articles and whence exported.	1896.	1897.	1898.	1996.	1897.	1698.	1896.	1897.	1898.	1896.	1897.	18
						Imports in	May.				4	
COTTON						1			(
00::0::												
ly Rail and River	10,309	18,013	3,848	***	12		***	***	***	10,309	18,025 63,336	
NW. P. & Oudh	17,369 6,219	29,824	7,693	16,569	9,561	9,646 3,979	29,049	35,167	31,635	33,938	58,198	
Cent. Provs	168	976	2,170	9,699	10,823	45,468	***	***	***	9,867 460,833	351,475	
Bombay .	35	5	900	460,798	351,470	44/1300	30,564	41,930	15,474	30,504	41,920	ľ
Madras	•••	444	0.00	18,691	9,184	5,124	***	488	4	18,691	9,184 55,595	1
Berar	1,578	7,779 862	6,002 1,025	103,903	47,816	124,384	101	000	***	1,578	862	
Assam Raj. & C. I.	2,791	6,545	6,188	82,247	172,813	83,459	000	400	***	85,038 6,097	179,358	
Nizam's Terr.	***	***	***	6,097	11,005	4,523	000	000	101	12	79	
Mysore		***	***		1							
TOTAL .	49+436	77:474	31,965	703,851	646,275	703,909	59,613	77,087	47,109	813,900	800,830,	7
y Sea-	621	1,914	1,360		2,165		490	000		621	4,079	
Bongal	10,181	3,818	3,976	18,329	14,134	7,708	011	800	28	28,510	17,946	
Sind	***	***	1,428	36,983	16,090	6,844	900	990	007	36,983	16,090 497	
Madras	373	1,601	1,414	1,206	414	411	140	***	0.00	1,579	1,691	
Non-Br. Ports in India	628	166	436	220,862 4,801	3,738	276,426	•••	000	450	220,863 5,429	3,904	1
Foreign countries .				282,181		306,292	1		28	295,112	211,730	3
TOTAL .	12,930	7,798	8,614		203,432							-
OTAL OF IMPORTS	62,366	85,272	49,579	986,032	849,707	1,010,201	59,614	77,087	47,137	1,108,012	1,012,066	1,0
2000000					Imports	from Jan	nary to N	lay.				
COTTON		1										
By Rail and River— Bengal		4 0-0	00							an ana	6-9-0	
NW. P. & Oudh	39,720	60,828	21,285	230,003	186,526	192,796	*** 1	***	***	39,720	397,882	3
Panjab	23,486	46,866	\$4,045	66,812	43,657	65,459	251,082	261,217	299,287	34:,380	351,740	
Cent. Provs	0,733	12,277	11,249	182,640	179,824	299,153	414	000	***	189,373	192,101	1,
Sind		5	***	112001200	***	***	152,919	138,565	100,999	152,919	135,565	-
Madras	49 -49	***	60.006	19,969	10,281	6,617	440	900	***	19,969	10,281	1,
Assam	38.518 9.852	10,099	60,326 9,114	847,786	731,404	1,085,632	100	400	***	9,852	762,275	21
Raj. & C. I	8,786	28,170	23,248	450,684	609,222	370,190	***	***	410	459,470	637,392	Н
Nizam's Terr. Mysore	000	000	001	6,451	12,362	4,971	***	000	004	0,451	12,362	
TOTAL	290,256		270,685		3,192,157	3,824,022	404,003	399,782	400,286		4,002,411	40
	290,330	410,472		3,754,682	31.341.37	Glosdioes	4041008	339700	400,200	4,448,940	410041411	-
By Sea-												
Bengal	8,635	10,719	10,548	En 025	2,165 38,638	16,971	***	***	28	8,635	12,883	
Sind	411 4U14O4	30,433	***	59,075 164,681	62,303	49,774	000	# 0 0 U 0 5	141	164,681	62,303	
Madras	1,939	1,226	4,688	2,322	367	794	400	400	19	4,261	1,593	
Non-Br. Ports in India	8,312	4.016	8,380	2,350	481,139	557,882		100	000	10,662	481,139	
Foreign countries .	2,001	1,257	1,372	56,339	19,505	39,001	***	•••	***	58,340	20,762	
TOTAL .	67,371	47,631	44,872	1,358,628	604,117	664,422		***	28	1,426,000	651,768	
OTAL OF IMPORTS .	357,627	458,123	315,557	5,113,310	3,796,274	4,488,444	404,003	399,782	400,314	5.874.040	4,654,179	15

y sea into Calcutta, the City of Bombay, and Karachi, during the month of May 1898, and from

es and whence	•	Calcutta.		Ci	ity of Bomi	bay.		Karáchi,			TOTAL.	
xported.	1896, 4	1897.	1898,	1896.	1897.	1898.	1896.	1897.	1898.	18964	1897.	1893.
A			Talahir darahir may gajijiyayaningi dana			Imports i	n May.	1		1		
• WHEAT	•											
and River-									1			
P. & Oudh	57,000	5,173	269,066	***	144		.001	004		57,000	Ø 1 0 0	-0
P. as Outure	110,739	245,999	1,537,749	8,018	6:,078	1,356,751	***	100	100,025	118,757	311,077	269,060
Provs.	8,819	4,688	87,906	1,212	13,541	407,019	182,723	176,186	2,082,854	192,754	194,415	2,994,52
	3543	200	398	277,930	383	587,897	***	400		281,463	383	2,577,779 588,29
y	000	***	***	208,308	23,758	322,655	800	***	***	208,308	23,758	322,65
	100	000	944	***	080	841	60,669	78,644	221,329	60,660	78,644	221,32
	4+4	000	***	***	010	000	100	200			***	
	000	- CD 4	606	11,237	999	4,368	800	***	***	11,237	604	4,368
C. 1	***		70	200 000	14.100	206 454	100	000	***	***	0.00	Gut
's lerr	***	***		309,090	14,103	236,554	000	***	***	309,090	14,103	236,624
0	***	***	***		000		449	***	***	4	000	000
		***		***	***	0.00	***	000	041	000	***	***
			1			1				9		
TOTAL .	180,101	25 5,8 60	1,895,795	815,789	116,863	2,915,244	243,392	254,830	2,404,208	1,239,282	627,553	7,215,247
	46											
V	46	8 00	***	***	***	00 -4-	***	***	***	46	000	000
	***	***	100	41,736	3,834	28,563	501		94	617	3,834	28,657
8		***	***			79,403	***	800	***	41,730	35, 102	79,468
		949		***	***	78	***	999	100	44.5	849	78
r. Ports in India	010	000		***	•2,613	65,524	000	+ + P	000	040		010
a countries .	***	***	***	5,438	21,861	110	800	149	000	5,438	2,613	65,524
Total .	46	640	***	47,290	63,410	173,633	501	149	94	47,837	63,559	173,727
FIMPORTS .	180,147	255,860	1,895,795	863,079	180,273	3,088,877	243,893	254,979	2,404,302	1,287,110	691,112	7,388,974

HEAT				1								
P. & Oudh Provs. S C. 1. S Terr.	156,183 515,238 37,576 31,835	90,372 454,567 6,381 26,854 278	353,207 2,027,158 104,638 1,404	8,018 8,587 590,747 950,114 29,937 489,377 482 4,598	222 66,347 15,180 22,981 154,769 151 37,982 27	1,600,239 459,697 1,267,228 1,171,526 37 6,663 336,876 1,244	489,533 421,384 	207,028	131,385 3,362,472 537,170	156,183 523,256 535,696 622,572 950,114 421,384 34,983 449,377 482 4,598	90,594 520,914 228,589 49,835 154,769 141,947 151 38,260 27	353,307 4,358,752 3,930,809 1,268,632 1,171,526 537,170 6,605 049 336,946 1,344
TOTAL .	745,868	578,452	3,987,126	2,041,860	297,659	4,843,602	910,917	348,975	4,030,997	3,698,645	1,225,086	11,961,725
r. Ports in India	804	82,152	000 000 000 000	4,659 415,228 90,289 139,717 38,590 16,033	5,051 130,303 7,442 44,761	15 57,679 372,740 78 237,722	822 638 22 21,250 1,349	1,216	96 890	6,285 415,866 90,289 139,739 59,848 17,382	9. 5,051 130,303 7,442 128,129	57,775 372,740 78 938,612 32
TOTAL .	806	82,152	5	704,516	187,566	668,266	24,087	1,216	986	729,409	270,934	669,257
F IMPORTS .	746,674	660,604	3,087,131	2,746,376	485,225	5.511,868	935,004	350,191	4,031,983	4,428,054	1,496,020	12,630,982

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rail and 1st January to 31st May 1848, compared wi

		Calcutta.		City	of Bombay	,.		Karáchi.	-		TOTAL.
Articles and whence exported.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.
		Į.		-	1	mporta in	May.				4:
										, 1	
LINSEED											
Rail and River-											- 04
Bengal NW. P. & Oudh	253.983	254,286 99,388	433,309	1,900	9,249	36,844	837	000	000	253,983	254,286
Panjab	89,990	99,300	1/3,030	24	441	***	4,936	1,239	400	6 4,960 101,035	35,66
ent. Provs.	1,373	***	***	293,610	35,660	68,633	***	800	000	293,010	29,11
ind	000	000	940		414		***	***	000	19,489	4
ladras	990	***	***	19,489	14,649	20,604	001	100	004	03,008	14,64
658.m • •	6,309	4,997	14,130	***		***	***	***	000	6,309	4,99
lijam's Terr.	0.00	***	2,007	99,807	7,069	79,183 23,960	401	***	200	83,345 99,807	45.74 7,00
Aysore	000	000	010	39	000	000	***	***	***	39	000
						*					
TOTAL .	351,655	358,671	622,482	690,574	141,534	335,085	5,773	1,239	•••	1,048,002	501,44
Sea-							.				
iengal	336	***	800 .	175	471	78	7	7	***	511 75	47
ind , .	000	600	600	I,4iii	401	316		***	804	1,400	***
dadras	600	900	901	***	000	6 950	000	100	000	***	900
von-Br. Ports in India	900	000	000	310	3,428	354	***	***	011	310	3,42
Foreign countries .	4	***	100	229	17	90	990	***	000	233	1
TOTAL .	340	000	***	2,182	3,916	838	7	7	416	2,529	3,92
TAL OF IMPORTS .	351,995	358,671	622,482	692,756	145,450	335,923	5,780	1,246	000	1,050,531	505,36
					Importe	from Jan	uary to B	day.			
LINSEED				·		1			· + 10 10 1		,
Rail and River-											
Bengal	773,886	593,057 165,641	321,076	3,188	9,796	64,193	837	000	***	773,886	593,03 A75.43
Panjab	469	1031041	***	34	100	***	6,341	1,239	1,093	6,834	1,2,
Bombay	81,545	1,439	26,589	250,416	61,890	414,418	***	•••	***	331,964	65,3
Sind	194	000	444	1,251,940	***	430,003	312	18	000	1,252,134	
Madras	63,755	2,210	***	93,532	48	22,093	***	104	***	93,532	00.3
Assam	10,170	6,351	14,528	592,562	22,900	216,964	***	***	680	10,170	25,1
Raj. & C. I	***	7	18,954	146,896	60,022	137,695	900	000	000	\$46,896	60,0
Mysore	000	040	901	493,090	24,659	135,054	200	400	600	493,090	24,0
TOTAL .	1,105,043	768,705	1,498,459	2,831,809						2.044.045	
	11-031040	,00,703	, KC#10411	210311009	239,580	1,449,102	7,393	1,257	1,093	3.944.245	1,009,5
Seam											4
	336	# e a	403	175	*** * E/*	For		100	***	511	
	000	***	400	1,093	1,591	501 318	70	16	12	1,163	1,6
Bombay	208	844	484	***	00+	***	***	***	***	208	907
Bombay			+ 6 0	19,609	3,852	1,645	019	***	***	19,609	3,8
Bombay	001	***	000				414	440			4,2
Bombay		000	000	915	4,244	993			000	919	41-
Bombay	***			23,434	9,687	3,557	70	16	12	24,052	917

by sea into Calcutta, the City of Bombay, and Karáchi, during the month of May 1898, and from responding periods of the years 1896 and 1897—contd.

nicles and whence		Calcutta.		Cit	y of Bomba	y.		Karáchi.		TOTAL.		
exported.	1896.	1897.	1898.	1896,	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
1					-	Imports i	n May.				-	
100	***************************************										***	
INDIGO		4										
Rail and River-												
W. P. & Oudh	27 21	6 38	1,282	***	000	***	***	***	041	27	38	1,282
niab · · ·	***	***	***	984	26	10	1,044	715	146	1,044	741	156
nt. Provs	• ***	110	***	77	714	129	***	***	860	77	184	129
id · · ·	004	***	***	35	15	124	649	102	156	35	103	156
rar · ·	000	***	604	***		***			•••	***	111	
j. & C. I.	***	***	***	***	36	000	804	***	000	000	26	444
zam's Terr		***			111	***	***	***	400	0.00	***	***
ysore	***	+ 0 +		0*9	***	100	***	***	***	0.00	***	544
TOTAL .	48	. 44	0 1,289	H2	181	263	1,693	817	302	1,853	1,042	1,854
Sea-												
ingat • • •	***	***	***	14	001	000	***	000	440	14	***	***
ombay - • • ·	000	000	000	351	311	194	040	***	***	351	311	194
dras · ·	100	***	***	***	25	***	400	***	***	***	25	***
on Br. Ports in India	v48	***	100	000		0.00	000	000	***	000	90.0	000
reign countries .	***	***	400		***	040	***	•••	***	100	***	04.0
TOTAL .	200			365	336	194		000	***	365	336	2 5 194
AL OF IMPORTS .	48	44	1,289	477	517	457	1,693	817	302	2,218	1,378	2,048
A					Imports	from Jar	mary to B	day.				
INDIGO			1	1		1	1					
Rail and River—							1					
ingal	13,186	16,070	9,617		***	***	900	***	***	13,186	16,070	9,617
-W. P. & Oudh	2,036	308	4,351	6 3	62	10	4,127	946	2,140	4,130	2,931	4,353 2,150
mt. Provide	***	***		140	***		***	***	000			872
ombay	***	***	100	1,433	227	872	3,328	972	1,880	3,328	277 972	1,880
adras	***	400	601	393	30	276	453	***	004	292	30	276
rar • .	***	***	400	***	000	100	100	600	400	400	440	***
ij. & C. I	***		441	142	59	160	***	***	***	142	59	160
xam's Terr.	2	100	000	400	***	400	***	0.00	***	2	197	***
yaore • •			1		428	1,320	7,455	1,918	4,020	24,535	21,655	19,308
Total	15.224	10,300	13,068	1,870	640							
TOTAL .	15,224	19,309	13,968	1,876	440							
TOTAL .	15,324	19,309	3,968		***	30	•••	,	***	33	***	50
TOTAL .	11	000	30	23	## PRO PRO PRO PRO PRO PRO PRO PRO PRO PRO	8+4	42	172		33 48 2,363	172	4
FOTAL .	11	050	30	22	•••					33 48 2,262 3	172 499 25	
FOTAL .	3	000 000 000 000	30	2,262	499	1,247		172	***	2,26 ₂	172 499 25	1,247
TOTAL .	3	010 100 110	30	2,262	499	1,247		172	***	2,262	172 499 25	1,247
FOTAL See— Ingale I	3	650 600 600 600 600	30	2,262	499 25	1,247	3	172	000	2,262 3 3 3 240	172 499 25 	1,247
FOTAL Seo- Ingal/ Ingal/ Inda Idras Infine Infi	3	650 600 600 600 600	30	2,262	499 25	1,247	3	172	000	2,26 ₂ 3	172 499 25	1,247

J. A. ROBERTSON,
Offg. Director-General of Statistics.

T. W. HOLDERNESS,
Secretary to the Government of India.

lcutta, the 23rd July 1898.

B

GOVERNMENT OF INDIA FINANCE AND COMMERCE DEPARTMENT

Total Gross and Net Indian Sea and Land Customs Revenue (excluding Salt Revenue).
[In thousands of Rupees]

	4 •		lu .			s, APRIL TO	U JUNE, C	· •		
				1	1	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
IMPORTS (GROSS REVENUS)	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.	1094-93-	1093 9	1090 9,	,	100 A).
Arms, Ammunition, and Military		-							0.	
Stores	52	59	73	76	69	70	77	92	82	64
Liquors:	77.06	1261	12,71	13,77	12,71	13,12	14,90	14,48	13,62	15,24
Spirit	11,96	13,61	1,84	13,77	1,71	1,44	1,70	1,59	1,51	1,56
Other liquors	8 9 Cody	.,	-1-1							
millinery	-	_	-	- 1	-	1,52	1,57	1,79	1,10	1,22
Chemical products and preparations .	-	-	-	- 1	- 1	69	64	65	. 66	68
Cotton manufactures:						_	3,83	-	-	-
Twist and yarn	-	-				_	15,09	13,55	9,86	11,58
Piece goods, grey	_			_	_	_]	5.55	5,14	4,07	4:47
,, white	_		_	- 1	(-)	-	4,80	5,25		4,34
Other goods	_	_	- 1	- 1	- 1		61'	29	23	28
Drugs, medicines, and narcotics	_		- 1	- 1	-	84	79	86	90	78
Dyeing and tanning materials .	-	- 1	-	- 1	- 1	61	91	1,02	84 62	98
Glass and glassware.	-	- 1	-	- 1	-	83	93	1,11	1,73	79
Hardware and cutiery Metals:	-			-	_	1,76	1,80			1,87
Copper	-	- 1	-	- 1	- 1	90	2,20	1,08	1,45	41,23
fron and steel	-	-	-	- 1	-	68	1,10	5,59	1,02	1,02
Silver	-	-	-	- 1		6,63	7,16	35	10,04	11,24
Tin		-	-	- 1	_	1,30	34	60	55	1
Other metals	3,76	3,77	4,67	4,65	4,44	3,58	11,31	8,58	11,59	
Paints and colours	317	3177		4,05	-	42	42	49	37	44
Paper	_	-	-	_	_	55	62	64	40	58
Provisions	-	-	-	-	- /	1,24	1,98	1,88	1,98	
Sile, raw and manufactured	-	-	-		-	2,68	2,86	2,77	1,72	
Spices	-	- /	-	- /	-	1,08	78	93	1,11	98
Stationery		-	-	-	-	34	35	44	. 28	
Sugar	-	-		-	-	3,08	5.33	2,97	4,48	
Tea				-	-	72	34	41 51	51	
Umbrellas	_		_	_		72	58	31	28	
117 11d.	_	-			_	93	86	95	81	89
Imports by post		***			-	33	34	36	35	39
All other articles	1	1	1	1	1	4,67	5,68		5,18	
TOTAL	17,89	19,60	19,96						82,07	
	17109	19,00	2412	20,75	19,56	30,00	97.34	-31-	02,-	
EXPORTS (GROSS REVENUE)			6				-	CY	76	26,65
Rice and rice-flour	21,77	24,76	23,26	16,01	20,83	23.21	22,67	22,51	14,56	
TOTAL GROSS REVENUE	39,66	44,36	43,22	36,76	40,39	74,83	1,20,01	1,07,51	96,63	1,12,49
TOTAL NET REVENUE	38,60	43,31	41,84	35,74	38,97	72,94	1,17,18	1,04,17	94,67	1,10,06
Provinceal distribution of Net Customs										
Rengal (Import .	5,35	5,54	5,92	0,80	5.46		33,10	29,93	27,22	
Bengal . Export	3,57	4,13	3,63	3,21	3,95		4.71	4,00	2,03	
CImport .	4,96	6,21	6,44	6,16	6,85	25.33	37,61	34,51	34,50	
Bombay . Export .		54	36	50		1				1,13
Sind (Import .	1,65	1,77	1,71	1,60	1,74	3,36	5,69	5,03	5,05	
Sind . Export .		28	22	23					-	.6
Simport .	2,43	3,30	2,81	2,68		5,34	10,25	6,28	7,68	6,40
Madras . Export .	1	1,12		99		0.0	-			
(Import .			1						1	1
Burma . Export .		18,06			1	0.	1			0 0
			1 FM							

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, July 16th, 1898.

The weather during the week under review has been fairly normal. The distribution of pressure and the wind directions have been such as ordinarily prevail during the monsoon, and the only unusual features in the weather have been the remarkable general weakness of the monsoon currents and the lightness of the rainfall over a large part of the country. As mentioned above, the pressure conditions have been fairly normal, and accompanying this there has occurred a full extension of the monsoon winds over India throughout the week, but it is remarkable that, while the rainfall over the Peninsula has been abnormally light, the rainfall over Bengal and thence up the Gangetic Plain as far as the Punjab has been both heavy and general. Two or three small shallow depressions have appeared over Northern India during the week; but, probably on account of the steady feebleness of the monsoon currents, the storms have never developed, but have throughout their existence remained feeble unimportant disturbances. The weather has been generally cooler than usual over Northern India, where the rainfall was heavy, and generally warmer than usual over the Peninsula as well as locally over Sind and Rajputana.

Daily Summary.—Sunday, July 10th.—Pressure had fallen almost everywhere. Pressure exhibited the usual monsoon distribution. The lowest readings were reported from the West Punjab, the highest from Malabar, while a well-defined trough of relatively low pressure extended from the Punjab down the Gangetic Plain to the head of the Bay. The winds blew from the normal monsoon directions. The force was generally low at the coast stations, but was stronger than usual at some inland places. The variations of temperature from the normal were irregular, but in several parts of the country were considerable to large. The weather had been showery with local patches of heavy rain, except over the Bombay Deccan, Central India, Sind, Rajputana and South Madras, where there had been no rain.

Monday, July 11th.—Pressure had increased almost everywhere—most so in the Puniab. Pressure was lowest in Upper Sind and a shallow depression was shown over West Bengal, but otherwise there had been no change of importance. North-east winds had appeared in the North Punjab, but elsewhere the ordinary monsoon directions were maintained. The force remained low generally. The mean temperature was largely below the normal average along the foot of the North-West Himalayas and considerably above over Rajputana, the Deccan and Carnatic. The distribution of rainfall had been the same as on the preceding day. The rainfall amounts had been fairly heavy over Northern and Central India.

Tuesday, July 12th.—The barometer had changed slightly and irregularly. Pressure was lowest in the West Punjah, relatively low over the Gangetic Plain and South-West Bengal and highest in the extreme south. The usual southeast winds up the Gangetic Plain were taking off and being replaced by variable or north-westerly breezes, but elsewhere the ordinary monsoon directions continued to be maintained, while the general velocity remained low. The mean temperature was generally low, except over the Peninsula and Rajputana. In the centre and east of the Peninsula, Gujarat, Sind and Rajputana there had been practically no rain, but elsewhere the fall had been general, though not very heavy.

Wednesday, July 13th.—The barometric changes were again slight, and the general conditions of pressure were similar to those reported on the 12th. South-easterly winds were re-appearing over the Gangetic Plain and the wind

directions generally were about normal. The force remained low for the time of year. The mean temperature was higher than usual over North Bombay, Rajputana, Central India and the greater part of the Peninsula and generally below the normal elsewhere. The deficiency was greatest in the Punjab. Showers had been received very generally, but, except in North Bengal, the amounts were not heavy.

Thursday, July 14th.—Pressure had decreased over Northern and Central and increased over Southern India. A large area of low and uniform pressure covered Northern India, while moderate gradients existed over the Pehinsula and the Bay. Normal winds prevailed throughout the greater part of the country. The variations of temperature from the normal were irregular, but in many places were large. Showers continued to be received very generally and in North Bengal the rainfall continued heavy.

Friday, July 15th.—The barometer had risen almost everywhere. Uniform and relatively low pressures existed over the Punjab and Gangetic Plain, while steepish gradients existed between that region and the high pressure area in the extreme south. Calms prevailed along the foot of the hills in Northern India, and the south-easterly winds of the Gangetic Plain had almost disappeared. The variations of temperature from the normal continued irregular. Showery weather was reported from nearly all parts of the country, but the rainfall amounts were generally moderate or light.

Saturday, July 16th.—The barometer had been steady over the Peninsula and the central parts of the country and had given way elsewhere. The fall had been greatest over the Punjab, where the barometer was largely below the normal, and barometric gradients were very steep over the central parts of the country. The winds were variable over the Punjab and along the foot of the hills, but elsewhere strong steady westerly winds were blowing. The mean temperature was high over Western and Southern India and low in North-East India. The variations were large in some places. Rain had been fairly general, except over North-West India, but the showers had been only light over the Peninsula.

Temperature.—As is usual during the prevalence of showery weather, the variations of the mean temperature from the normal have been more or less irregular. On the whole, however, the heat has been greater than usual over the western desert and over the Peninsula, where the rainfall has been light or altogether absent, and less than usual over Northern, North-Eastern and Central India.

The following table gives temperature data for the week:

Province.			8	Mean					
9	roth	11th	12th	13th	1.4th	15th	soth	of week.	
	o	0	0	0	0	O	o	0	
¥-		0							
Burma	+1.7	+0.8	-0.3	-0.3		-1.2	-1.6	-0.3	
Bengal and Assam	+1.5	+1.0	+0.3	0.2	-0.5	о-б	-2'4	0.5	
North-Western Provinces and									
Oudh	+0.1	-2.1	-2.8	-1.7	-1'4	-1.8	-1.3	-1.6	
Punjab	+3.8	-1.3	-6.0	6.6	-3.6	-0.8	+0.0	-1.0	
Bombay	+0.4	+1.0	+ 2'1	+1'4	-0.6	-0.1	+0.2	+0.4	
Central Provinces and Berar	+0.1	-0.0	-0'5	-0.6	-1.4	-0.0	-1.3	0.8	
Central India and Gujarat .	-0.6	-0.4	-0.0	0.6	+0.6	+0.6	+0'3	0.1	
Sind and Rajputana		+2.5	+1.3	+1.1	+2.6	+2'0	+1.0	+1.0	
Madras	-0.1	+1.6	+2.6	+1.4	+0.1		-	-	
mauras		710	720	714	704	+0.3	+ 2.6	+ 1.3	
Mean for whole of India .	+1.0	+0'2	-0.2	-0.7	-0.2	-0.3	0	-0.1	
		1					,	-	

There was a trifling excess of temperature on the 10th, but on the remaining days of the week the mean temperature of the whole country was about normal. The previncial variations show an excess of temperature over Madras, Bombay, Sind and Rajputana and a trifling to slight deficiency elsewhere.

The highest recorded maximum on each day was as follows:

- (Da Inda	~ 41					000011	ay was	45	rollows:
	On July	iotn	٠		0			1120.2	at	Jacobabad.
	3.9	11th					. 7	1110.8		, we obtained,
	17	12th						1030.4	23	*
•	53	13th					Ť		93	99
	rt e	14th			• 14	P	•	1050.4	97	21
		•	•	•		6	•	1020.6	23	Bickaneer and Hyderabad.
	27	15th	•	٠			٠			Jacobabad.
	"	16th				0		1080.0	11	44

The highest temperatures were hence reported daily from the extreme north-west.

Rain.—The week under review, as was the case with the two preceding weeks, has been one of very extensive—if generally light—rainfall. On both sides of India the monsoon currents have been weak, but while that from the Arabian Sea has given only light rainfall, that from the Bay has given heavier and more extensive rainfall than usual. There have been no storms of any importance during the period under review, but during the latter half of the week a series of shallow depressions has drifted from Bengal up the Gangetic Plain, and the ascensional movements, developed within and around these depressions, have been the cause of the heavier rainfall which has characterised the Bay as compared with the Arabian Sea branch of the monsoon. In Tenasserim, Lower and Central Burma and Arakan rain fell on every day of the week, while in Upper Burma the fall occurred mainly on the last three days. In Assam rain fell daily and the same was true of the greater part of Bengal, though in Orissa, which region was under the influence of the Arabian Sea and not of the Bay current, the falls were light and scattered. In Bihar, Oudh and the North-West Provinces daily rain fell, but in the Punjab the first four days of the week were showery and the last three days generally fine. Along the west coast rain fell on each day, but in the inland districts—vis., South-Central Madras, Coorg, Mysore and the Bombay Deccan—there were only a few showers. Khandesh, Gujarat and the central parts of India received daily rain and Sind and Rajputana a few occasional showers. Over the eastern half of the Peninsula only scattered showers were reported, and with a few local exceptions the amounts were light.

The rainfall table at the close of the summary shows that no rain whatever was received in three districts during the week, vis., Baluchistan, the north of the east coast (a) and the south of Madras and only o'o6 inch in Sind, but that in all other parts of India effective rain was received. The average actual amounts ranged from 13'56 inches in Arakan, 12'96 inches in Tenasserim, 9'70 inches in North Bengal and 9'15 inches in the Konkan, to 0'36 inch in Madras (South-Central), 0'39 inch in Madras (Central), 0'40 inch in Kathiawer, the East Coast (South) and Mysore and 0'61 inch in the East Coast (Central). The third column of the table shows that the actual average rainfall exceeded the normal average in twenty-five of the rainfall divisions. These twenty-five divisions included all the Burma divisions, except Deltaic Burma; the Brahmaputra and Surma divisions of Assam; East Bengal; North Bengal; Chota Nagpur; both the Bihar divisions; all the North-West Provinces divisions, except the west; all the Punjab divisions, except the south-east and the hills; and the central and east divisions of the Central Provinces. Over the remainder of India the rainfall has been short of the normal. The principal cases of excess were 6 inches in North Bengal, 3\frac{1}{2} inches in the east submontane division of the North-West Provinces and over 2 inches in Arakan, the Brahmaputra Valley, South Bihar, North Bihar, North Oudh, the Submontane Punjab, the North Punjab and the central division of the Central Provinces. The principal cases of deficiency were 7 inches in Coorg, 3\frac{1}{2} inches in Malabar and the East Coast [North (a)] and over 2 inches in Kathiawar and Guiarat.

The final column of the table shows that the monsoon rainfall of the present season up to date has been heavier than usual in the following divisions, vis., Chota Nagpur, the North-West Provinces (East), Oudh, the North-West Provinces (East Submontane), the North-West Provinces (Hills), the Central Punjab, the Submontane Punjab, the North Punjab, the West Punjab and the west and central divisions of the Central Provinces; it has been normal in the following divisions, vis., Tenasserim, Deltaic Burma, Central Burma, Arakan, East Bengal, the Brahmaputra Valley, Deltaic Bengal, Central Bengal, North Bengal, Bihar, the North-West Provinces (Central), the North-West Provinces (West Submontane), the South Punjab, the Punjab Hills, Malabar, the Konkan, the Bombay Deccan, Berar, the east of the Central Provinces, Gujarat, Central India (East), the East Coast (North) and Hyderabad (South), while in all the remaining divisions the rainfall has been more or less deficient.

The following are the principal large totals recorded this week:

e tollowing a	HE LIN	s pui	icil	al large totale					
Burma				Bilin, Tenasserim	٠		٠	16.21	inches.
				Kyaukpyu, Arakan				19'73	99
Assam				Gauhati .			4	9.18	13
Bengal				Noakhali				15'44	99
2008				Jalpaiguri .			•	24.82	21
Bihar				Kishengunj, Purnea	٠			13.98	37
North-West	Provi	nces		Utraula, Gonda.			٠	11.64	99
				Dehra Dun .				11.28	99
Punjab				Jagraon, Ludhiana				8.03	. 13
				Palampur, Kangra				9.75	23
Malabar				Karkal, Mangalore				10.08	31
Konkan				Karjat, Colaba '.	٠	•	•	16.65	23
Deccan			0	Bavda, Kolhapur	٠			18.61	29
Central Pro	vinces	5 4		Chanda			٠	13.33	99
Rajputana			٠	Baseri, Dholpur			•	7'15	31
Madras .				Pittapur, Godavery		•		- 3.20));

		RAINFAL	JULY ISTH, 18	PR THDING	RAINFALL	JULY 15TH, 180	AY 3978 TO 8.
province.	DIVISION.	Average actual rainfall of division,	Average normal ralefall of division,	Excess or defect it. inches.	Average actual rainfall of season to date.	Average normal ramfall, May 30th to July 18th.	Excess or de fect of (sea- sonal) rain fall expresse as a per- centage,
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
Bunga	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	12'96 4'32 2'97 1'49 13'56	11'41 5'30 2'91 1'46 10'88	+ 1'55 - 0'98 + 0'06 + 0'03 + 2'68	57.69 39.12 18.79 8.68 74.96	68·46 32·55 20·09 15·80 82·34	- 16 + 20 - 6 - 45 - 9
BENGAL AND ASSAM .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 10. South Bihar 17. North do.	5'41 5'12 4'71 5'42 1'72 2'25 9'70 8'64 1'93 3'62 5'06	3.89 4.68 6.08 3.36 2.52 2.47 3.68 9.10 2.92 2.86 2.27 2.48	+ 1.52 + 0.44 - 1.37 + 2.06 - 0.80 - 0.22 + 6.02 - 0.46 - 0.90 + 0.76 + 2.79 + 2.91	29'93 30'65 41'71 25'16 17'31 19'53 37'18 34'29 11'33 20'71 13'45 15'01	29'97 39'87 53'11 25'13 16'83 17'20 35'51 50'78 14'79 14'18 11'60 15'63	- 23 + 14 + 15 + 16
North-Western Provinces and Oude.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	3'92 3'27 5'70 2'89 1'59 6'67 3'47 4'55	2°77 2°60 2°99 2°41 1°83 3°01 3°41 2°92	+ 1'15 + 0'67 + 2'71 + 0'48 - 0'24 + 3'66 + 0'06 + 1'63	13'32 11'60 14'26 9'49 3'31 17'64 9'38 18'15	9'42 9'46 11'37 8'02 6'07 11'59 11'47 12'78	+ 42 + 21 + 11 + 53 + 43
Ponjab {	26. South-East Punjab	1'33 1'59 2'40 4'57 4'47 2'96 1'69	1'49 1'09 1'18 1'91 4'79 0'92 0'54	- 0'16 + 0'50 + 1'22 + 2'66 - 0'32 + 2'04 + 1'15	4:20 4:49 5:20 8:58 15:93 6:55 2:78	6·18 3'85 3'59 6·58 15·61 2·98 1·65	- 33 + 17 + 4! + 33 + 126 + 68
Bombay and Malabar Coast Districts (Madras).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	4.54 0.36 2.32 0.40 9.15 1.47	8.03 1.79 9.59 2.03 11.14 1.96	- 3'49 - 1'43 - 7'27 - 1'63 - 1'99 - 0'49	45'55 4'44 32'36 5'51 5'2'47 10'57	53.55 8-65 46.83 8-97 51.30 9.40	- 15 - 49 - 31 - 32 + 2 + 12
CENTRAL PROVINCES AND BERAR.	41, Berar	2'56 2'82 6'42 4'72	3°44 3°27 4°07 2°95	- 0.88 - 0.45 + 2.35 + 1.77	11.74 16 34 22°05 16°60	13'95 13'19 16'02	+ 24 + 38 + 7
BOMBAY (NORTH)	45. Gujarat	2.20 0.40 0.00	4'90 2'50 0'70 0'17	- 2.40 - 5.10 - 0.64 - 0.14	15'75 4'12 0'60	15.00 7.39 1.35 0.37	+ 5 - 44 - 56 - 100
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Central India West. 51. West Rajputana	3.10	3°13 2°34	- 0.03 - 0.42	13'11	9.05	- 4 - 34 - 64
MADRAS .	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0'85 0'98 0 1'23 0'30 0'61 0'40	1.64 3.68 1.33 1.20 1.28 0.58	- 0.22 - 0.66 - 3.68 - 0.10 - 0.81 - 0.67 - 0.18 - 0.23	1'37 8'74 6'85 6'39 3'22 3'61 2'41 1'28	3.78 .8.40 17.40 7.83 4.92 5.16 3.77 1.80	+ 4 61 18 35 36 29

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS,
Secretary to the Government of India.

SIMLA, 21st July, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 16th July.—The rainfall was good on the West Coast and the Nilgiris; moderate in the Circars and in parts of Chingleput and North Arcot; and light and scanty or nil elsewhere. Except under the large irrigation works and wells the water-supply is scanty. Ploughing is proceeding wherever possible, but sowings are much retarded in the Deccan, the Carnatic, and the Central districts. Standing crops are generally good on the West Coast and in the Circars; elsewhere they are withering. Pasturage is scanty, but fodder is available, and cattle is in normal condition. Prospects are fair generally on the West Coast and in the Circars, but elsewhere a good fall of rain is urgently required to save the standing dry crops and to allow of extended sowings. Prices are almost stationary, but are slightly dearer in the Southern and Central districts and slightly easier in the Circars. In Nellore the numbers relieved were—320 men, 333 women, 130 children; total 783 on works. One woman, 18 children as dependants fed in kitchens. Grand total 802. Loans disbursed during the week Rs. 95.

Bombay.—For week ending 20th July.—There was rain in all districts during the week; the fall was good in the Konkan and in parts of Gujarat, but elsewhere it was moderate or slight. More rain is urgently wanted throughout the Deccan and the Karnatak, excepting in the hilly talukas, also in parts of Gujarat, Kathiawar, and Sind. The standing crops are withering in Bijapur and in Eastern Belgaum and have been injured by insects in parts of those districts. Sowing and transplantation are in progress, except where retarded for want of rain. Preparations for the late crops have commenced in Bijapur. Fodder is sufficient, except in two talukas of Karachi. Agricultural stock is healthy. Prices have risen in five and fallen in five districts. The price of jowari in Sholapur was 151% and in Poona 15 seers per rupee. The average number of relief workers in Sholapur was—13,826, of whom 4,313 are men, 7,493 women, and 2,020 children On gratuitous relief—Sholapur—4,498, of whom 1,885 are men, 1,845 women. and 768 children. On test works—Poona 2,339, of whom 866 are men, 1,190 women, and 283 children.

Bengal.—For week ending 18th July.—There was good and sufficient rain during the week, except in parts of Orissa and South-West Bengal, where more rain is required. The rain has facilitated the transplanting of the winter rice and marua (Eleusine coracana) seedlings which is being vigorously pushed on. The prospects of early rice, jute, and other autumn crops are favourable, and the indigo and sugarcane crops are also promising. The cutting of early rice and jute has commenced in places in Northern and Eastern Bengal. Prices are practically stationary. The fodder-supply is generally sufficient.

North-Western Provinces and Oudh.—For week ending 20th July.— The rainfall during the week has been general and abundant. The autumn crops sowings are nearing completion and weeding is in progress. The early sowings are reported to be flourishing. Markets are well stocked, and supplies and fodder are sufficient. Prices are stationary with a tendency to fall.

Punjab.—For week ending 20th July.—Good rain, ranging from 3 of an inch to 6 inches on the average, has fallen in all districts, except Peshawar. Sowings of autumn crops are in progress and the recent rain has helped further sowings. The standing crops are generally reported in good condition, and the prospects of the autumn crops have been improved by the secent rain. Locusts

appeared in parts of Rawalpindi, but no damage is reported. Cattle are generally in good condition. Fodder is sufficient throughout the Province. Prices, especially of wheat, have risen in Dera Ismail Khan, and fallen in Shahpur, Rawalpindi, and Peshawar; there is no change in other districts. The prices of autumn grains have risen in some districts owing to the demand for sowing purposes. Wheat is selling from 15 to 24, gram 20 to 24, barley 24 to 32, bulrush-millet 16 to 25, maize 14 to 28, great millet 16, and rice 9 to 9\frac{1}{2} seers per rupee.

Central Provinces.—For week ending 20th July.—Rain has been general and in places heavy during the week. Agricultural operations are retarded in parts by the excessive rain and a break (signs of which are just commencing) would be welcome. The present prospects are generally good, but heavy rain has caused some damage to early sown crops in parts of Hoshangabad and necessitated resowing. Some damage is also reported to have been caused by insects to early sown Juar (Sorghum vulgare) in the Harsud tahsil of the Nimar district. The autumn sowings are nearly completed and weeding and transplantation of rice are in progress, but more rain is needed in Bilaspur for biyasi (thinning of broad casted rice). Prices fluctuate within narrow limits, but a slight tendency to cheapen is generally perceptible. The cheapest prices are—wheat 16, gram 32, rice 16, and juar 23 seers per rupee; in five districts wheat is selling under 12 seers per rupee; and in three districts rice is selling under 10 seers per rupee.

Burma.—For week ending 16th July.—In Lower Burma ploughing is actively in progress; sowing is reported from nearly all districts and transplanting is becoming general. In Upper Burma the general condition of crops is fair, although, as reported last week, more rain is still wanted in parts of Thayetmyo, Magwe, Mandalay, the Ruby Mines district, Shwebo, and Meiktila, and also in Pakôkku, Lower Chindwin, and Yamethin. Withering of crops is again reported from part of Meiktila and also from part of Pakôkku. The price of paddy has risen slightly in Bhamo; and has fallen largely in Sagaing and slightly in Prome, Henzada, and Pakôkku; elsewhere it is stationary.

Assam.—For week ending 19th July.—The weather is seasonable. Harvesting of early and transplanting of late rice are in progress. The early rice has been damaged by floods in parts of Goalpara and Nowgong; elsewhere prospects are fair. Plucking and manufacture of tea are in progress. Prospects have improved in the Surma Valley; are fair in Nowgong and Sibsagar and are good in other districts. The condition of jute and of sugarcane is fair. Prices—common rice—Silchar 9½; Sylhet, Sibsagar, and Dibrugarh 10; Dhubri 12; Gauhati 11; Tezpur 8½; and Nowgong 8 seers per rupee.

Mysore and Coorg.—For week ending 20th July.—MYSORE: Rainfall one inch 53 cents in the Civil and Military Station and good rain in parts of Kadur and Shimoga. Prices have slightly risen in Kolar, Hassan, and Shimoga and fallen in Mysore. Ragi (Eleusine coracana) has been sown in five districts.

Coord: Rainfall 2 inches 89 cents. Rain is wanted badly in parts. Transplanting of rice continues. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 20th July.—BERAR: The weather is cool and cloudy. The monsoon crops are in favourable condition. Sowings are almost completed and weeding is in progress. The fodder and water-supply are adequate. Prices have fallen in three districts and are stationary elsewhere.

HYDERABAD: Rainfall during the week 97 cents. Sowings are progressing. Prices are stationary.

Central India.—For week ending aoth July.—General rain fell throughout Central India during the week, but it is still insufficient in Gwalior, Malwa, and Bhopawar. Agricultural operations are in progress in all Agencies. The

standing crops have been slightly injured in Jhabua and Jobat in Bhopawar by catterpillars; and in Karwai in the Bhopal Agency by locusts; elsewhere they are in good condition. Agricultural stock and pasturage are in good condition, except in Gwalior. Prices are low in Malwa; falling in Baghelkhand; and are steady elsewhere.

Rajputana.—For week ending 20th July.—Rainfall—good rain at Abu and Pertabgarh; nearly 5 inches in Dholepore; over 3 inches in Jeypore; about 2½ and 2 inches in Marwar, Deoli, and Ulwar; over one inch in Jhallawar, Kotah, Bundi, Shahpura, and Bhurtpore; nearly one inch in Kerowlie; and below half an inch in Kherwara, Tonk, Ajmere, Kishengarh, and Bikaneer; slight rain elsewhere. No rain in Jaisalmere. Agricultural operations are progressing satisfactorily, and ploughing and sowing continue. The crops are in good condition. Some damage, by locusts, insects, and wind, has occurred in parts of Kerowlie and Bhurtpore. Agricultural stock and fodder are generally good and sufficient. Prices are falling in four States; rising in two; and are steady elsewhere.

Kashmir.—For week ending 19th July.—The weather is cloudy. Spring crop reaping is in progress. Prices are normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 20th July.—Slight rain fell during the week. There was a slight fall in prices. Wheat is 17 and maize 20 seers per rupee. Sowing of autumn crops is in progress. The condition of standing crops is good. Fodder is sufficient.

Nepal.—For week ending 16th July.—Rainfall 2.76 inches. The weather is cloudy and close. The crops are doing well, but need more rain. Rice—72 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

NAME OF PROVINCE.			PR	ECEDING WEE	K.	P	RESERT WEEK	C.	Increase
			Relief works.	Gratuitous relief.	TOTAL.	Relief works.	Gratuitous relief.	TOTAL.	or decrease.
Madras	0 0		821	20	841	783	19	802	- 39
Bombay		٠	14,853	3,998	18,851	16,165	4,498	20,663	+ 1,812
	TOTAL		15,674	4,018	19,692	16,948	4,517	21,465	+1,773

T. W. HOLDERNESS,

Secretary to the Government of India-

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and

abouting children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons by relieved in poor-houses or at their homes.

Name of Province and	FOR THE 2	HE WEEK	ENDING E 1898.	FOR THE	TE WEEK	##DING 1898.	FOR THE	HE WEEK	ENDING 1898.	FOR THE	te week 6th July	ENDING
District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
Madras.	817	25	842	1,024	27	1,051	973	22	995*	821	20	841
TOTAL MADRAS .	817	25	842	1,024	27	1,051	973	22	995	821	20	841
Bombaz.	9,903	3,240	13,143	10,207	3,491	13, 6 98	11,789	3,823	15,612	12,729	3,998	16,727
ona	1,404		1,404	1,656	***	1,656	1,966	0.0 0	1,966	2,124	***	2,124
TOTAL BOMBAY .	11,307	3,240	14.547	11,863	3,491	15,354	13,755	3,823	17,578	14.853	3,998	18,851
RAND TOTAL FOR ALL PROVINCES.	12,124	3,265	15.389	12,887	3,518	16,405	14,728	3,845	18,573	15,674	4,018	19,692

ates at the head of the table are the dates of the Gazette of India in which the Provincial totals were published. The figures, however, ow the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

ed \$2nd July, 1898.

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 18T TO 101

JULY 1897, AND FROM 18T TO 9TH JULY 1898.

N.B.—As regards the figures in column Total Engines from 1st July 1898, andited figures have been used, as far as possible.

N.B.—As regards the figures in	Average earnings per mile	FIR	BT 10 DAYS ULY 1897.		Fin	ST 9 DAYS O		Earnings	Earnings	
RAILWAY.	per week during		Earning		26	Earnin		from 1st to 10th	from 1st to 9th	Increase.
Ball.WAY.	6 hrs	Mean mileage worked.	Total.	Per mile	Mean mileage worked.	TOTAL.	Per mile open.	July 1897.	4 July 1898,	
State Lines worked by companies.	Rs.	Miles.	Rs.	Re.	Miles.	Rn.	Ra.	Rs.	Rr.	Ru.
Standard gauge—	629	1,737	15,28,044	880	1.740	14,03,000 21,900	806 175	15,28,044 24,989	14,03,000 21.900	***
Bengal Central Bengal-Nagpur	210 116	125 862	24,389 1,47,895	195	125 1852	1.01.000	105	1,47,895	1,01,000	
Indian Midland (including Bhopal-Itarsi) Bozwada Extn. (East Coast State).	145 150	752	1,71,859 2,927	228	800 21	4.000	155 190	1,71,359 2,927 1,464	1,24,000 4,000	1 ₀ 073
Madras-Ennur sec. (Bezwada-Mad.)	133	- 9	1,164	163	9	1,300	144	1,464	. 1,300	***
Metre gauge- Rajputana-Malwa (including Godhra-		4 /37 #	5,39,429	297	1,815	4,91,000	271	5,99,429	4,91,060	
Rutlam-Nagda)	196 41	1.815	749	44	17	900 2.15,000	50 206	749 2,59,945	900 2,15,000	151
South Indian	168 95	1,042	2.59.945 S.827	249 163	1.042 54	6,700	124	8,627	6,700	***
Southern Mahratta (including Guntakal- Mysore Frontier section)	110	1,165	2,19,592	214	1,165	1,51,000	130	2,49,592	1,51,000	***
Mysore section (Southern Mahratta) Bengal and North-Western (including	127	590	63,006	213	298	37,300	126	63,006	37,300	***
Tirhoot section)	126	815	1,44,409	177 85	924 200	1,75,000 20,600	189 103	1,44,409 17,006	1,75,000	30,591
Lucknow-Bareilly	67 69	200 . 159	13,971	2424	11111	29,760	101	13.971	29,700	15,729
Burma	153 	886 9,955	1.86 262	208	936	1,87,000 29,69,400	266 250	1,80,262 33,55,274	1,87,000 29,69,400	6,788
State Lines worked by the State.										
North Western (a)	243	2.988	7,09,092	277	2,895	9,32,000	323	7,90,092	9,32,000	1,32,908
Oudh and Robilkhand (including the metre gauge link)	177	875	2.75,898	256	1,013	2,38,000	200	2,25,596	2,38,000	14,104
East Coast	411	518	75,355	324 146	818 597	2,52,000 57,400	305	2,64,354 78,385	2,52,000 57,400	***
Special gauges— Jornát	67	25	0,101	124	25	2.700	109	3,104	2,700	
Cherra-Companyganj			and the same of th			(1,1	281	18,65,551	(b) 14,82,100	1,13,209
Lines worked by guaranteed cos.	243	5,11%	1.00,000	267	5.276	14,82,100	201	10,05,501	11,00,100	A 4 5 + 1 + 10 100
Standard gauge— Great Indian Penipsula (c)	328	1,491	7,22,310	484	1,491	6,31,000	423	7,22,840	6,31,000	
Bombay, Baroda and Central India.	507 260	461 840	4,00 197. S 300,810	8842 397	\$61 810	8,17,000	688	4,66,366 ± 8,33,813 ±	3,17,000 8,12,000	000
TOTAL .	- 387	2.792	14 60.545	. : H	2.752	12,60,000	451	14,62,548	12,60,000	
TOTAL (GUARANTEED AND STATE) Assisted companies.	250	17 882	61,81,650	336	15, 169	57,11.500	309	61,84,658	57,11,500	001
Standard gauge— Delhi-Umballa-Kalka	212	160	32,094	204	162	27,600	170	32.694	27,600	
Tarkessur Southorn Punjab (Dolhi-Samásata)	232	20	11,5(1)	432	(]() days	7,360 40,200	332 100	9,504	7,300 40,200	40,200
Metre gauge—	35		20.115		400			80 44W		
Robilkhand and Kumaon (Co.'s sec.) Bengal Dooars	126 184	86	10.445 5,057	158 110	166 36	11,000 3,100	167 94	10.445 5,057	3,400	555
Dibru-Sadiya Ahmedabad-Parantij	195 44	75	19,137 4,196	245	78 55	21,000 3 800	269	10,137 4,196	3,800	1,863
Special gauge — Darjoeling-Himalayan	300	51	22,388	439	51	16,000	314	90,388	16,000	
Total.	159	454	1,03,421	228	870	1,30,300	150	1,08,421	1,80,300	26,579
Lines owned by native states and worked by other agencies.										
Standard gauge — Bina-Goona	21	74	1,937	26	71	2,100	28	1,937	2,100	163
Bhopal-Ujjain Nágdá-Ujjain	52 42	114	8,222	72	114	10,600 2,400	98 69	8,222	10,660 2,400	2,378 111
The Nizam's guaranteed state	213	35 384	2,289 91,402	65 274	85 884	94,200	282	2.289 91,402	94,200	2,798
The Gaekwar's Petlad Rajpura-Bhatinda	86 108	18 108	1,747 13,652	134	13 108	1,400	108	1,747 13,652	1,400 13,700	48
Kolar Gold-fields	423	10	6,071	607	10	5,500	550	6,071	5,500	•••
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangúd)	93	66	11,795	379	66	6,000	91	11 808	6,000	
The Gackwar's Mehsana	64	93	8.786	94	93	8,500	91	11,795 8,786	8,500	***
Kolhápur Special gauges—	49	29	6,811	221	29	2,500	86	6,411	2,500	
The Gaekwar's Dabhoi Bajpipla	43 12	79 19	4,359 256	55 13	79 19	4,700	59	4,359 256	4,700	311
Couch Behar . Total .	115	996 996	173	_ 8	22	1,000	45	178	1,000	827
Lines owned & worked by n. states.	110	390	1,57,100	158	996	1,52,900	154	1,57,100	1,52,900	
Metre gauge Bhavnagar-Gondal-Junagad-Porbandar .	83	334	36,649	109	394	26,500	79	36,649	26,500	
Jetalsar-Rajkot Jammagar	84	46 51	4,549 2,889	99 56	46 54	3.600 2,200	78 41	4,549 2,888	3,600 2,200	
Dhrángádrá Jodhpur-Bickaneer	57	864	43,087	118	21	1.000	48	001	1,000	1,000
Ondeypore-Chitor	39	60	3,319	59	405 60	29,300 3,700	72 62	43,037 3,519	29,300 3,700	181
Special gauge— Morvi	92	94	10,156	108	94	8,000	85	10,156	8,000	
GEAND TOTAL .	69 282	949 20,281	1.00,748	106	1,014	71,300	73	1,00,748	74,300	
· · · · · · · · · · · · · · · · · · ·	202	40,251	65,45,922	323	21,349	60,69,000	281	65,45,922	60,69,000	"

⁽a) Includes the Jummu and Kashmir and the Hyderabad-Shadipalli

⁽b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhoud-Manmad, the Essen, and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XIII of 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible. First 10 days or July 1897. FIRST 9 DAYS OF JULY 1898. Earnings from 1st April to 10th July 1897. earnings per mile Earnings Earnings. from 1st April to 9th July 1898. RAILWAY. Mean Increase. Doore Per mile open. Per mile open. mileage worked mileage worked. TOTAL TOTAL. State lines worked by companies. Ra. Miles. Ra. Ra. Miles. Rs. Ra. Ra. Ra. Ra. Rs. Mard Jange—
Kast Indian
Bongal Central .
Bengal-Nágpur
Indian Midland (including Bhopal-Itarsi)
Boswada Extn. (East Coast State) .
Madras-Ennúr sac. (Bezwada-Mad.) 15,28,044 24,389 1,47,895 1,71,359 2,927 1,464 654 183 139 880 195 172 1,737 125 5,63,175 29,535 1,16,189 1,91,211 20,849 1,740 14,03,000 806 175 105 155 190 1,63,98,825 1,69,62,000 2,79,000 22,21,000 19,91,000 2.49,965 18,04,820 17,99,789 87,551 17,851 ... 125 21,900 21,900 1,01,000 1,24,000 4,000 1,300 *** 862 752 21 962 238 21 14,100 3,751 Madras-rankt sq. (Beswam-mad.)
tre gauge—
Rajputana-Malwa (including GodhraRutlam-Nágdá)
Pálanpur-Deesa
South Indian
Máyavaram-Mutupet
Southorn Mahratta (including GuntakalMysore Frontier section)
Mysore sectiou (Southern Mahratta)
Bengal and North-Western (including
Tirhoot section)
Lucknow-Barcilly
Assam-Bengal
Burna 144 5,39,429 749 210 1,815 1,815 57.19.447 4.91,000 72 24 000 271 15,04,553 53 206 124 14,876 27,10,148 79,888 10,800 25,41,000 74,900 4,076 1,69,148 4,988 2,59,945 8,827 1,042 2,15,000 1,042 92 2,49,592 23,85,897 5,75,656 18,65,000 4,43,000 113 123 1,165 214 5,20,897 1,32,656 126 147 81 73 186 1,44,409 17,006 13,971 1,80,262 177 85 815 924 1.75,000 19.85.053 20.42 000 189 56 947 2,79,306 2,57,779 24.39,576 200 159 200 203 203 24,576 200 State lines worked by the State. 20,80,273 9.955 33,58,274 337 243 10.399 29.69.400 286 3 67 55 997 3.88.36 200 ndard gauge— Nogth Western (a) Ondh and Rohilkhand (including the 236 2,883 7,99,092 277 2,885 9,32,000 1,22,44,000 323 80,07,209 42.36.791 metre gauge link). Eastern Bengal (incldg. metre & 2'6") East Coast 195 256 1,013 31,27,900 31,88,000 8,30,000 2,38,000 26,45,246 4,81,754 2,64,354 78,385 362 106 2,52,000 57,400 41,126 82,904 31,46,874 7,67,096 818 537 107 25 3,104 124 25 2.700 108 erra-Companyganj 267 Total Lines worked by guaranteed cos. 5,135 235 13,68,831 14.82.100 48.33 281 281 1,45,99,719 1.94.33.000 dard gauge— Great Indian Peninsula (g) Bombay, Baroda and Central India 1,491 1,491 461 840 28,67,211 8,54,943 3,17,000 3,12,000 586 261 461 840 4,06,395 3,38,815 688 371 50,17,057 38,35,083 58,72,000 31,99,000 397 1,36,083 14,62,548 2.792 35,86,071 12 60 000 1,65,36,929 2,01,23,000 TOTAL (GUARANTEED AND STATE)
Assisted companies. 268 17,H82 61,84,653 346 57,11,500 18,469 3619 6 78 92 573 7.83 92 200 1,04,99,69 elhi-Umballa-Kalka 32,694 9,504 27,600 7,300 40,200 4,44,000 97,500 6,01,000 162 170 63,707 Tarkossur Sonthorn Punjab (Delhi-Samasata). 278 22 432 2,610 100 42 400 6,01,000 Rohilkhand and Kumaon (Co.'s sec.) 10,445 5,057 19,137 4,196 1,48,000 55,600 121 66 66 11,000 167 1,19,450 28,550 Bengal Dooars
Dibra-Sadiya
Ahmedabad-Parantij 149 198 45 7,854 5,986 3,400 21,000 3,860 63,454 2,24,986 (f) 20,587 94 2,19,000 78 55 36,313 102 cial yauge— Darjeeling-Himalayan . 274 51 8,519 7,21,639 439 53 16 000 314 2.21.000 Lines owned by native states and worked by other agencies.

Bina-Geona 454 1,03,421 870 147 228 1.30.300 150 11.21.661 15.43,3.0 1,937 8,222 2,289 91,402 1,747 13,652 2,100 10,600 Bina-Gona Bhopal Ujjain Nágdá-Ujjain The Nizam's Gunranteed State The Gackwar's Petlúd Rájpura-Bhátinda Kolar Gold-fields 26 61 34,882 1,482 33,400 114 1,08,515 41,877 9,40,086 20,485 93 577 2,400 94,200 1,400 13,700 5,500 41,300 11,51,000 16,400 2,10,000 57,300 35 334 69 211 84 122 2.10.914 274 134 7,479 17,139 13 108 13 126 108 402 607 re jauge—
Yesvantpur-Mysore Frontier section (including Mysore-Nanjangúd)
The Gackwar's Mohsána
Kolhápur
Lifal gauges— 11.795 8,786 **6,411** 69,800 1,14,000 26,100 6,000 8,500 2,500 1,16,890 37,912 94 221 98 91 2,390 11,813 al gauges—
he (inokwar's Dabhoi 29 51 79 4,359 Raipipla Coch Behar 55 79 **\$700** 75,300 3,500 17,400 50 76,786 1,486 3,244 19 13 109 17,50 173 1,000 120 9911 1,57,100 158 17,65,194 19 44 500 1,79,396 1 59 900 996 154 ines owned & worked by n. states. re gauge—
Bhavingar-Gondal-Junagad-Porbandar
Jetalear-Hajkot
Jamingar
Dhrangadra
Jodhpore-Bickaneor
Oodeypore-Chitor
oial gauge—
Morvi 26,500 3,600 2,200 1,000 224 96 649 1,06,829 46 51 4,549 2,838 1,287 56,900 33,500 (h) 2,600 3,45,000 99 56 78 41 620 2,600 58,187 (g) 32.871 21 43,037 3,519 62 3,84,944 39,944 118 29,300 8,610 38 60 44,100 83 10,156 1.19,406 18,594 94 108 94 8,000 85 1,33,000 TOTAL 1,00,748 949 106 1.014 74.300 12,23,069 GRAND TOTAL 8,34,94,100 1,14,91,60 243 20,281 65,45,922 60,69,000 7,20,02,499

323

21,349

284

W. J. McELHINNY, Capt., R.E.,

Offg. Under Secretary.

⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli

railways.

(b) Closed for traffic.

(c) From let April to 15th May 1897.

(d) From let April to 14th May 1898.

⁽e) Includes the Wardha Coal, the Dhond-Manmád, the Khámgaon, and the Amráoti railways.
(f) From 1st May to 10th July 1897.
(g) From 8th April to 10th July 1897.
(h) From 7th June to 9th July 1896.





SUPPLEMENT TO

The Gazette of Andia.

No. 31. 1

CALCUTTA, SATURDAY, JULY 30, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette of India will be published from time to time, containing such Official Papers and Information as the Government of India may deem to be of interest to the Public, and such as may usefully be made Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rudges per annum if delivered in Calcutta, or eight Rudges if sent by Post. The Supplement and Part VI of the Gazette can also be sub-No Official Orders or Notifications, the Publication of which in the Gazette or Rudges nine if sent by Post. It has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMEN'T OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY STATISTICS.

PROGRESS IN THE INTRODUCTION OF, AND RESULTS OF WORKING, AUTOMATIC VACUUM BRAKES ON RAILWAYS IN INDIA DURING THE SIX MONTHS ENDING WITH THE 31ST DECEMBER 1897, TABLES NOS. I AND II.

No. 454 R. Stat., dated Simla, the 15th July 1898.

RESOLUTION-By the Government of India, Public Works Department.

Read again-

Government of India letter No. 62 R. Stat., dated the 19th October 1891. Government of India letter No. 354 R. Stat., dated the 4th September 1894. Government of India letter No. 424 R. Stat., dated the 21st October 1896. Government of India order No. 528 R. Stat., dated the 7th December 1897.

ORDER.-Ordered, that tables Nos. I and II be forwarded, for information,

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Qudh, the Punjab and Burma.

The Chief Commissioners of the Central Provinces and Assam.

The Resident at Hyderabad.

The Resident in Mysore.

The Agents to the Governor General for Rajputana, Central India and Baluchistan.

The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Assam.

The Managers, North Western, Oudh and Rohilkhand, Eastern Bengal and East Coast in the margin. in the margin.

Ordered, also, that copies be forwarded for the information of Her Majesty's

Further, that this order, with the tables, be published in the Supplement to the Gaseite of India.

W. J. MCELHINNY, Captain, R.E., Offg. Under Secretary.

Documents accompanying.

Tables Nos. I and II, showing the railways on which automatic vacuum brakes were in use, the number and proportion of rolling-stock fitted with the brakes, the progress made in fitting stock since the previous half-year, and the results of working the brakes during the six months ending with the 31st December 1897.

TABLE No. I.

Statement showing, for the six months ending with the 31st December 1897, the railways on which automatic vacuum brakes were in use, the mileage run by trains fitted with the brakes, the number and proportim of rolling stock fitted, and the progress made in fitting stock since the previous half-year.

				1							-	
•			OTIVES.	V	EHICL	.RS.*		Total number of instances		TION PER		
Railwas (including branch lines worked).	Period.	Fitted.	Not fitted.	Braked,	Piped.	Not fitted.	Number of miles run by trains fitted.	in which the brakes failed to act or caused delay in the work- ing of trains.	Of vehicles braked or piped	Of mileage run by trains fitted or partially fitted on total train- mileage.	Number of failures as compared with mileage run by traus fitted.	
1	2	3	4	5	6	7	8	9	10	11	12	
STANDARD GAUGE. State lines worked by companies.												
East Indian	1st-half, 1897 2nd-half, 1897	83	547 541	711 897	157	10,741	944, 0 82 1,158,945	10 55	7.46 8.74	17'61	1 in 49,688 1 in 21,072	
Bengal-Nágpur .{	1st-half, 1897 2nd-half, 1897	***	\$ 18 118	000	34 34	3,795 3,795		***	o'89 o'89	000	000	
Indian Midland . {	1st-half, 1897 2nd-half, 1897	62 66	59 59	108	23 23	2,486		6	5'12 5'12	21.74 17.87	1 in 32,670 1 in 25,474	
State lines worked by the State.												
North Western {	1st-half, 1897 2nd-half, 1897	392 412	322		183	10,584	1,652,414 1,25 6 ,045	16	16.83	37.66	1 in 103,276 1 in 125,605	
Oudh and Rohilkhand {	1st-half, 1897 2nd-half, 1897	29	137 126	231 302	20 18	4.755 4.719	208,874 212,336	4 2	5°01 6'35	18.73	1 in 52,219 1 in 106,108	
Eastern Bengal . {	1st-half, 1897 2nd-half, 1897	35 35	59 69	205	81 82	2,111 2,260	407.480 399.450	7 3	11,30	44'94 35'49	1 in 58,211 1 in 133,150	
East Coast {	1st-half, 1897 2nd-half, 1897	12	45 45	5	3	1,636		000	0.30 0.18	000	004	
Lines worked by guaran- teed companies. Great Indian Perún- sula.	1st-half, 1897 2nd-half, 1897	170	435 425	1,254		8,342 8,280	1,39 7,93 0 1,819,174	15	13.15	32'05 41'13	1 in 99,862 1 in 101,065	
Bombay, Baroda and { Central India.	1st-half, 1897 2nd-half, 1897	91	73 73	421	54 54	4,287			9'97 9'97	43°36 42°89	1 in 63,712 1 in 61,943	
Madras{	1st-half, 1897 2nd-half, 1897	30 31	136 135	138	38 43	3.574 3.533			4·78 6·41	10.36	1 in 16,606 1 in 13,872	
Line owned by native state and worked by												
The Nizam's Guar- {	1st-half, 1897 2nd-half, 1897	000	50 50	20	20	(b) 962 965	(a) (a)	000	(b) 2.04 2.03	***	000	
TOTAL OF all RAIL-	1st-half, 1897	904	1,912	5,078	619	(b) 54,188	5,613,060	84	9.21	23.93	1 in 66,822	
METRE GAUGE. State lines worked by	and-half, 1897	954	1,882	5.480	565	54,469	5,695,001	113	9:99	24.02	t in 50,398	
companies.	rst-half, 1897 2nd-half, 1897	20	183	93 99	38	4,151	252,136 260,039		3°06 3°27	13'90 14'23	1 in 84,045 1 in 86,680	
Assam-Bengal {	1st-half, 1897 2nd-half, 1897	44	9	110 141	***	927 1,093	(a) (a)	0 0 0	10'60 11'43	004	000	
State lines worked by the State.												
Bastern Bengal . {	rst-half, 1897 and-half, 1897	13	(b) 71 71	112	26 25	(b)2,377 2,477	101,467	1 2	(b) 5.49 5.60	11.96	1 in 10,146 1 in 51,015	
TOTAL OF all RAIL-	1st-half, 1897	77	1,243	315	64	32,778	353,603	4	1.14	3,33	1 in 88,400	
GAUGE).	and-half, 1897	81	1,266	361	6 6	33,148	362,070	5	1'27	3'39	1 in 72,414	

Excluding cranes.

(a) Brakes were not brought into use.

(b) Revised figures.

(c) Excluding 21 and 12 wagons sold to the Godavari bridge works and the Birur-Shimoga railway.

N.B.—The detailed figures in columns 4 and 7 do not work up to the totals, as the latter represent the totals of all railways.

TABLE No. II.

t	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Bailure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence, of defects in, or impropor action of, the brakes distinguishing whether they arose from neglect or inexperience of servants, or failure of machinery or material.	Number of miles ru by trains fitted with automatic vacuum brakes.
STANDARD GAUGE. East Indian		000	(i)—Nil.)
	Vacuum auto- matic.	6th July 1897 .	(ii) The front brake van with vacuum indicator attached to No. 15 up Bombay mail train could not be worked at Tundla station.	8 d d d d d d d d d d d d d d d d d d d
		13th July 1897 .	(ii) The piston on a composite postal van attached to No. 15 up Bombay mail train was found leaking at Tundla station.	
		18th July 1897 .	(ii) The hose coupling between engine and tender attached to No. 4 down Bombay mail train was found defective at Buxar station.	•
		26th July 1897 .	(ii) No. 12 down Bombay mail train worked non-automatic from Asansol to Howrah station, owing to a defect in the brake- van pipe.	
		3rd August 1897	(ii) The vacuum pipe of engine attached to No. 27 up local passenger train broke at Howrah station.	
		8th August 1897	(ii) The drip valve joint of a down postal special train was found leaking at Katni station.	
		1897.	(ii) The vacuum hose pipe of the front brake van attached to an up postal special train broke between Tundla and Ghaziabad stations.	
	100	15th November 1897.	(ii) The vacuum hose pipe of the front brake van attached to an up postal special train broke between Ghaziabad and Kalka stations.	
		4th July 1897 .	(iii) Failure of machinery.—A down postal special train lost 16 minutes between Jubbulpore and Allahabad stations, owing to the steam disc not being air tight on its working face.	See page 1302.
		7th July 1897 .	(iii) Failure of machinery.—No. 12 down Bombay mail train detained 15 minutes at Asansol station, due to the metal pipe under front brake being defective.	
		8th July 1897 .	(iii) Failure of machinery.—No. 1 up Bombay mail train detained 17 minutes at Tundla station, owing to a piece of rubber getting into the vacuum gauge pipe.	
		11th July 1897 .	(iii) Failure of machinery.—No. 12 down Bombay mail train detained 25 minutes at Asansol station, owing to a defect in the train pipes on a brake van.	19
		12th July 1897 .	(iii) Failure of material.—No. 12 down Bombay mail train detained 10 minutes at Asansol station, owing to a defect in the hose pipe of a brake van.	
		20th July 1897 .	(iii) Failure of machinery.—No. 12 down Bombay mail train detained 15 minutes at Asansol station, owing to a defect in the vacuum pipe of a brake van.	

\$	• 3	3	4	5	
Ranway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of :— (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect, or inexperience of servants, or failure of machinery or material.	Number of miles run by trains fitted with automatic vacuum brakes.	
TANDARD GAUGE —contd.				1	
iast Indian—contd	Vacuum automatic.	24th July 1897 .	(iii) Failure of machinery.—No. 12 down Bombay mail train lost 15 minutes at Asansol station, owing to a defect in the hose pipe of a brake van.		
Nξ		a6th July 1897 .	(iii) Failure of material.—No. 23 up local passenger train started 3 minutes late from Howrah station in disconnecting vacuum, due to the breakage of the hose pipe in a brake van.		
		27th July 1897 .	(iii) Failure of machinery.—No, 10 down loop mail train detained 17 minutes at Sahebgunge station, owing to a defect in the brake of a carriage.		
		2nd August 1897	(iii) Failure of machinery.—No. 10 down loop mail train detained 19 minutes at Memari station, due to the nut of train pipe slackening back on engine.	,	
	603F	4th August 1897	(iii) Failure of machinery.—No. 9 up loop mail train detained 14 minutes at mile 2204, due to the nut of train pipe slackening back on engine.		
		7th August 1897	(iii) Failure of material.—No. 11 up Bombay mail train detained 15 minutes at mile 51, due to the rubber hose pipe between the engine and tender bursting.		
		10th August 1897	(iii) Failure of material.—No. 2 down Punjab mail train detained 15 minutes at mile 725, owing to the breakage of the ejec- tor train pipe.	See page 1302	
		12th August 1897	(iii) Failure of machinery.—No. 22 down local passenger train detained 5 minutes at Pundooah station, owing to a defect in the train pipe.		
		18th August 1897	(iii) Falure of machinery.—No. 23 up local passenger train detained 25 minutes at Pundooah station, owing to defective brake gear.		
300		18th August 1897	(iii) Failure of material.—No. 15 up Bombay mail train detained 3 minutes at Tundla station, due to the release valve of a third class carriage leaking.		
Φ		25th August 1897	(iii) Failure of material.—No. 1 up Punjab mail train detained o minutes at Jámtára station, owing to the breakage of the ejector vacuum pípe.		
		3rd September 1897.	(iii) Failure of material.—No. 27 up local passenger train detained 7 minutes at Debipur station, owing to the breakage of the engine vacuum pipe.		
		3rd September 1897.	(iii) Failure of machinery.—No. 11 up Bombay mail train detained 15 minutes at Hooghly station, owing to a defect in the train vacuum gear.		

8	2	3	\$	5
Railway-	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately of: (i) Pailure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Pailure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, these brakes, distinguishing whether they arose from neglect or inexperience of servants, or failure of machinery or material.	Number of miles ruby trains fixted with automatic vacuum brakes.
STANDARD GAUGE-				
East Indian—contd.	Vacuum automa- tic.	10th September 1897.	(iii) Failure of machinery.—No. 28 down local passenger train detained 8 minutes at Gangpur station, owing to a defected in the brake of a carriage.	
		12th September 1897.		
		13th Soptember 1897.		
		25th September 1897.		
		27th September 1897.	(iii) Fathure of material.—No. o up loop mail train lost 13 minutes between Bhágalpur and Sahebgunge stations, due to the breakage of the vacuum pipe flange of the engine.	
		30th September 1897.	(iii) Neglect of servants.—No. 9 up loop mail train detained 17 minutes at Sahebgunge station, owing to the universal hose pipe not being properly coupled.	
		4th October 1897.	(iii) Neglect of servants.—No. 12 down Bom- bay mail train detained 15 minutes at Asansol station, owing to the universal hose pipe not being properly coupled.	Sec page 1302.
		15th October 1897.	(iii) Failure of machinery.—No. 3 up Bombay mail train detained 10 minutes at Buxar and 11 minutes at Moghal Sarai stations, owing to a leakage from the escape valve of a spare brake van.	
		19th October 1897		
		23rd October 1897.		
		34th October 1897.	(iii) Failure of machinery.—No. 2 down Punjab mail train detained 12 minutes at Gháziabad station owing to a defect in two brake vans and a North Western railway carriage.	-18
		25th October 1897.	(iii) Failure of machinery.—No. 36 down Punjab mail train detained to minutes at Cháziabad station in detaching a defective carriage belonging to the North Western railway.	
		26th October 1897 _e		

1	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of detects in, or improper action of, the brakes, distinguishing whether they arose from neg- lect or inexperience of servants, or failure of machinery or material.	Number of miles rui by trains fitted with automatic vacuum brakes.
TANDARD GAUGE— contd. ast Indian—contd.	Vocuum automa- tic.	10th November 1897.	(iii) Failure of machinery.—No. 12 down Bombay mail train lost 27 minutes between Asansol and Burdwan stations, owing to a defect in the hose pipe of an intermediate class carriage.	
		11th Novem'er 1897.	(iii) Failure of material.—No. 15 up Bombay mail train detained 11 minutes at Chola station, owing to the breakage of the drip valve pipe of the ejector.	
•		14th November 18,7.	(iii) Neglect of servants.—No. 15 up Bombay mail train detained 17 minutes at Tundla station, owing to the hose pipe of a Great Indian Peninsula railway	
		17th November 1897.	carriage not being properly coupled. (iii) Failure of machinery.—No. 15 up Bombay mail train detained 7 minutes at mile 846, owing to a defect in the vacuum chamber, and 5 minutes at Aligarh station, owing to a defect in the cylinder of an intermediate class carriage.	
		18th November 1897.	(iii) Failure of machinery.—No. 1 up Punjab mail train detained 5 minutes at Tundia station, owing to a defect in the release valve.	
		24th November 1897.	(iii) Neglect of servants—No. 3 up Bombay mail train lost 10 minutes between Asansol and Jámtára stations, owing to the hose pipe not being properly coupled	
	1 - 1	25th November 1897.	(iii) Failure of material.—No. 3 up Bombay mail train detained 16 minutes at mile 517, owing to the breakage of the train pipe on engine.	
		27th November 1897.	(iii) Failure of machinery.—No. 15 up Bombay mail train detained 23 minutes at Tundla station, due to a leak in the vacuum cylinder of rear brake van.	
	- 1	30th November 1897.		
		7th December 1897.		
' K		10th December 1897.	(ii) Failure of machinery.—No. 4 down Bombay mail train detained to minutes at Baruna station, owing to a defect in the large ejector.	
		zoth December 1897.		
	•	15th December 1897.	(iii) Neglect of servants.—No. 12 down Bombay mail train detained 14 minutes at Asansol station, due to the deficient hose pipe coupling washer of a carriage.	
	*	24th December 1807-	bay mail train detained 5 minutes at the control of	
	1	1	form to be a little of the property of	

į.	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately of: (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or inexperience of servants, for failure of machinery or material.	Number of miles ruby trains fitted with automatic vacuum brakes.
STANDARD GAUGE-				
East Indian—concld.	Vacuum automatic.	25th December 1897.	(iii) Failure of machinery.—No. 16 down Bombay mail train detained 15 minutes at Gháziabad station, owing to a slack nut getting into the engine vacuum pipe. (i) and (ii)—Nil.	} 1,158,945.
Indian Midland .	Vacuum automa- tic.	5th August 1897		
		17th October 1897.	(iii) Failure of material.—No. 1 down mail train detained 32 minutes at Tundla station, owing to the breakage of the release valve diaphragm of a third class carriage.	
		31st October 1897.	(iii) Failure of material.—No. I down mail train detained to minutes at Dhaura station, in releasing brakes, owing to a leak in the train pipe.	152,844.
		and November 1897.	(iii) Pallure of material.—No. 2 up mail train lost 7 minutes between Jhansi and Bina stations, due to brake blocks binding.	
		9th November 1897.	(iii) Failure of material.—No. I down mail train detained Io minutes at Karonda station, owing to a leak in a composite carriage.	
		11th November 1897.	(iii). Failure of material.—No. 2 up mail train lost 17 minutes between Lalitpur and Bina stations, owing to a leak in the hose coupling pipe of a first class carriage.	
North Western State	Vacuum automa-		(i) and (ii)—Nil.	
	1	1st July 1897 .	(iii) Neglect of servants.—No. 7 up mail train detained 10 minutes at Shujabad station, owing to the universal hose coupling washer of a third class carriage being deficient.	4
		7th July 1897 .	(iii) Neglect of servants.—No. 19 up mixed train detained 4 minutes at Phillour station, owing to the universal hose coupling not being coupled properly.	
		toth July 1897 .	(iii) Neglect of servants.—No. 17 up mixed train detained 5 minutes at Saharanpur station, owing to the universal hose couplings not being coupled properly.	See page 1303.
		6th August 1897	(iii) Neglect of servants.—No. 6 down passenger train detained 8 minutes at Amritsar station, owing to the ball valve diaphragm on a third class carriage leaking.	
	2	oth August 1897.	(iii) Neglect of! servants.—No. 3 up mail train detained 3 minutes at Saharanpur station, owing to a hose coupling washer having been pulled off during shunting.	

1	. 2	3	4	5
Railway.	Name or description of brakes which faile or caused delay in the instances specified in column 4.	ed l	Instances under the three following heads separately, of:— (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or inexperience of servants, or failure of machinery or material.	Number of miles run by trains fitted with automatic vacuum brakes.
STANDARD GAUGE-				
North Western State —concld.	Vacuum automa	23rd August 1897.	(iii) Inexperiene of servants.—No. 5 up mail train detained to minutes at Saháranpur station, owing to the guard's van valve having remained open after application of the brake on arrival, and the staff not being able to locate the fault.	
		18th October 1897.	(iii) Neglect of servants.—No. 4 down mail train detained 15 minutes at Jhelum station, owing to the coupling washers of a reserved carriage having been taken off.	•
		28th October 1897.	(iii) Inexperience of servants.—No. 3 up passenger train detained 20 minutes at Lahore station. The men were engaged in searching for a leak in the train.	1,256,045.
		and November 1897.	(iii) Neglect of servants.—No. 8 down mail train detained 6 minutes at Tátipur station, owing to the universal hose coupling on a composite and a third class carriages not being coupled properly.	
		17th December 1897.	(iii) Failure of material.—No. 20 down goods train detained 2 hours and 15 minutes at Kolpur station, owing to the large ejector steam disc breaking.	A
Oudh and Rohilkhand State.	Vacuum automa-		(i) and (ii)—Nil.	
Jule,	tic,	4th September 1897.	(iii) Failure of material.—No. 1 up mail train detained 9 minutes at Bareilly station, owing to the rubber washer of the flexible hose pipe coupling of a third class carriage having perished.	
		6th December 1897.	(iii) Failure of material.—No. 16 down mail train detained 8 minutes at mile 38 on the Cawnpore branch, owing to a leakage in the hose pipe joint of a Great Indian Peninsula Railway composite carriage.	212,336.
astern Bengal State	Vacuum automa-			
	tic.		(ii) And (ii)—Nil. (iii) Neglect of servants.—No. 28 down passenger train lost 18 minutes between Kanchrapara and Calcutta stations, owing to carriage brakes not releasing properly.	
		17th October 1897.	(iii) Neglect of servants.—No. 26 down passenger train lost 14 minutes between Kanchrapara and Calcutta stations, owing to the vacuum brake cylinder necking of two third class carriages blowing badly.	See page 1304.

1	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they argue from neglect or inexperience of servants, or failure of machinery or material.	Number of miles rur by trains fitted with automatic vacuum braices.
STANDARD GAUGE-)
Contd. Eastern Bengal State —concld.	Vacuum automa- tic.org	23rd November 1897.	(iii) Neglect of servants.—No. 5 up passenger train lost 22 minutes between Khardaha and Kánchrapára stations, owing to the brakes of a brake van and a composite carriage not releasing.	399,450
Great Indian Penin-	Vacuum automa-		(i)—Nil.	
sula.	tic.	16th August 1897	(ii) The ejector disc valve of engine attached to No. 169 down passenger train was forced off its face at Sohágpur station, owing to two small pieces of brass getting under it.	
		6th July 1897 .	(iii) Neglect of servants.—No. 133 down mail train detained 8 minutes at mile 1822, south-east line, owing to the push rod pin having worked out of a Madras railway brake van.	
		7th July 1897 •	(iii) Failure of material.—No. 103 down passenger train detained 8 minutes at Masjid station in uncoupling left hand vacuum piston, as the release valve leather washer of engine was out of order.	
		17th July 1897 .	(iii) Neglect of servants.—No. 37 down passenger train detained 3 minutes in Bombay station, as the rubber washer of the pipe of engine became displaced.	
		21st July 1897 .	(iii) Inexperience of servants.—No. 26 up passenger train detained 46 minutes at Shahpura station, owing to the improper working of the ejector.	
		7th August 1897	(iii) Neglect of servants.—The screw coupling falling off carrying hook, struck the points tie rods or crossing, and bounding upwards struck the horns of coupling hose of a third class carriage attached to No. 22 up mail train, causing it to become disconnected at Singáji station, and resulting in a delay of 4 minutes.	
•		9th August 1897	(iii) Neglect of servants.—No. 56 up passenger train detained 15 minutes at Man station by the examining staff in detecting the deficient block hanger pins in two third class carriages.	:=
		16th August 189	7 (iii) Neglect of servants.—No. 133 down mail train detained 8 mir utes at mile 6 owing to the pin of hanger having worked out, causing the hanger to drop and trail on the ballast.	

	. 1	3	4	3
Railway,	Name or description of brakes which failer or caused delay in the ins tances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or inexperience of servants, or failure of machinery or material.	Number of miles rui by trains fitted with automatic vacuum brakes,
STANDARD GAUGE— contd. Great Indian Penin- sula—concld.	Vacuum automa- tic.	24th August 189	7 (iii) Neglect of servants.—No. 22 up mail train detained 5 minutes at Shirsoli station, due to the train coupling being allowed to swing and strike the vacuum brake coupling which caused the pipe to separate.	
•	1	25th August 1897	(iii) Failure of material.—No. 26 up passenger train detained 10 minutes at Itarsi and Duláriya stations, owing to the leakage of the India-rubber coupling washer of a third class carriage.	٠
		11th September 1897.	(iii) Failure of material.—No. 99 down passenger train detained 25 minutes at Deviáli station, owing to a defect in the train pipe coupling washer of a horse box.	
	,	21st September1897.	(iii) Failure of material.—No. 169 down passenger train detained 17 minutes at Asvali station, owing to a defect in the small ejector cone of the engine.	
	8	4th October 1897	(iii) Neglect of servants.—No. 16 up passenger train detained 10 minutes at Mándva station, owing to the neck ring of a second class carriage having worn away.	
4 (3	4th October 1897	(iii) Failure of material.—No. 99 down passenger train detained 10 minutes at Nándgaon station, owing to a defective rubber washer on the coupling of a horse box.	1,819,174.
		4th October 1897	(iii) Failure of material.—No. 26 up passenger train detained 5 minutes at Harda station in renewing a defective rubber washer on the coupling of a carriage truck.	
	2	9th October 1897	(iii) Neglect of servants.—No. 39 down mail train detained to minutes at Nándgaon atation, due to the engine being unable to create sufficient vacuum to take the brake off.	
7		th December 1897.	(iii) Failure of material.—No. 55 down local train detained 10 minutes at Victoria Terminus station, due to a washer getting under the clappet valve of the engine.	
		8th December 1897.	(iii) Neglect of servants.—No. 129 down mail train lost 33 minutes between miles 85 and 276, Owing to the short metal pipe of the engine between the cylinder and flexible pipe, which screws into the cylinder, being slack in the threads, and not being detected when the brake van was examined before leaving shed.	

1	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of :— (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent, (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or inexperience of servants, or failure of machinery or material.	Number of miles run by trains fitted with automatic vacuum brakes.
STANDARD GAUGE— contd. Bombay, Baroda and Central India.		23rd October 1897.	(i)—Nil. (ii) No. 5 down ordinary train could not maintain vacuum on account of defects in a Great Indian Peninsula Railway carriage truck which was attached at Dádar junction station. The train was worked with hand brake from Dádar junction to Bulsár station, where the delect was rectified and the work-	
		4th November 1897.	ing of automatic brake resumed. (ii) No. 3 down ordinary train could not maintain vacuum on account of leakage in joints, through carelessness	
		13th July 1897 .	of the engine staff. (iii) Neglect of servants.—No. 4 up ordinary train detained 2 minutes at Mehmadabad station, the driver having destroyed the vacuum suddenly, owing to the universal coupling being slack in the horns.	5
		1st October 1897	(iii) Failure of machinery.—No. 5 down ordinary train detained to minutes at Kósambá station, in order to disconnect the vacuum brake on the front brake van, as the India rubber piston rolling ring was found defective.	
		20th October 1897.	(iii) Neglect of servants.—No. 1 down mail train lost 2 minutes between Ahmedabad and Bárejadi stations, owing to the large ejector spindle not having started to blow, the packing being burnt through carelessness of the driver.	557,488
		2nd November 1897.	(iii) Failure of machinery.—No. 8 up ordinary train could not maintain vacuum as the big ejector was defective and failed to work. The train lost 23 minutes at Santa Cruz station and 5 minutes between Santa Cruz and Grant Road stations.	
		14th November 1897.	(iii) Neglect of servants.—No. 1 down mail train detained 5 minutes at Amroli station, owing to the driver being unable to create vacuum, due to cotton waste getting into the pipe.	A
		26th November 1897.	(iii) Neglect of servants.—No. 2 up mail train lost 6 minutes between Nadiád and Anand station, owing to the vacuum pipe between two carriages leaking from the joints due to bad washers.	
		17th December 1897.	(iii) Failure of machinery.—No. 2 up mail train detained 25 minutes at Dáhánu Road station, as the brake blocks of a bogie composite carriage would not come off through being jammed.	

ı	2	3	4	5
Railway.	Name or description of brakes which tailed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being immineat. (ii) Failure or partial failure to act under ordinary circumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arms from neglect or in experience of servants, or failure of machinery or material.	Number of miles run by trains fitted with automatic vaccum brakes.
STANDARD GAUGE— (concld. Madras	Vacuum automa-		(i)— <i>Nil</i> .	
•	tic.	11th September 1897.	(ii) The brake of No. 111 passenger train had to be disconnected at Perambur station, owing to a defect in the large ejector.	, ¢
•		14th September 1897.	(ii) No. 14 mail train was worked from Kódúru to Madras station as a non-automatic brake train, owing to the nut of the vacuum chamber pipe becoming slack and the engine being unable to maintain vacuum.	•
		ist July 1897 .	(iii) Failure of machinery.—No. 81 mail train detained 17 minutes at Yerraguntla station in order to release brakes, owing to the brake cylinder of a foreign railway vehicle drawing air.	
The state of the s		30th July 1897 .	(iii) Failure of machinery.—No. 8t mail train detained 25 minutes at Arkónam station, owing to the pipes of a foreign railway vehicle drawing air.	
		16th August 1897.	(iii) Failure of machinery.—No. 81 mail train detained 13 minutes at Yerraguntla station, owing to the piston of a foreign railway vehicle drawing air.	138,719
		25th September 1897.	(iii) Failure of machinery.—No. 14 mail train detained 5 minutes at Arkónam station, owing to the brake piston of a foreign railway vehicle passing air.	
		25th September 1897.	(iii) Failure of machinery.—No. 111 mail train detained 10 and 14 minutes at Central and Tinnanur stations, respectively, and 9 minutes between them, owing to two brake pistons drawing air.	
*		1st October 1897	(iii) Failure of machinery.—No. 14 mail train detained 5 minutes at Reddipalle 'station, owing to the brake piston under a carriage allowing air to pass.	
	j.	17th October 1897.	(iii) Failure of machinery.—No. 14 mail train detained 5 minutes at Nandalúr station, owing to leakage of the brake piston under a foreign railway vehicle.	
		6th December 1897.	(iii) Failure of machinery.—No. 111 mail train lost to minutes between Avadi and Tinnanúr stations in consequence of the vacuum chamber leaking.	

TABLE II-concld.

1	2	3	4	5
Railway.	Name or description of brakes which failed or caused delay in the instances specified in column 4.	Date of failure.	Instances under the three following heads separately, of: (i) Failure or partial failure to act when required inc case of an acccident to a train, or a collision between trains being imminent. (ii) Failure or partial failure to act under ordinary cir- cumstances to stop a train when required. (iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or inexperience of servants, or failure of machi- nery or material.	
METRE GAUGE.	Vacuum automa-		(i)— <i>Nil</i> .	٩
	6.86m	6th July 1897 .	(ii) The driver of No. 38 mail train was unable to maintain sufficient vacuum, owing to the leakage in the train pipe nut below the ejector of the engine and in one of the joints of the train pipe of a bogie third class carriage.	
		7th October 1897	(iii) Failure of material.—No. 38 mail train detained 10 minutes at Cuddalore Old town station, in consequence of the universal coupling of brake van being damaged.	260,039
		17th December 1897.	(iii) Neglect of servants.—No. 24 mail train detailed 5 minutes at mile \$\frac{2}{4}\circ\$, on account of the brake being applied rashly by the driver, which forced the flexible pipe off the dummy plug on the rear van.	
Eastern Bengal State	Vacuum automa-		(i)—Nil.	
7	tic.	26th November 1897.	(ii) No. 21 up mail train was unable to work with the vacuum brake from Párbatipur to Siliguri station, owing to the communication handle valve of a composite carriage being out of order and leaking badly.	102,031
		30th October 1897.	(iii) Neglect of servants.—Immediately after No. 22 down mail train had left Saidpur station, the vacuum brake chamber pipe between the engine and tender became disconnected and was damaged, owing to the pipe being too low and striking the ballast on the road. The train suffered some detention and had to be worked as non-automatic.	-

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. ACCOUNT.

RAILWAY.

GUARANTEED RAILWAYS.

SYNOPSIS OF TRANSACTIONS FOR, AND TO THE END OF, THE YEAR 1897.

No. 430 A .- R., dated Simla, the 18th July 1898. RESOLUTION-By the Government of India, Public Works Department.

Read again—
Public Works Department Resolution No. 412 A.—R., dated 3rd August 1897.

Read also the following-

Note by A. R. Becher, Esq., Accountant General, Public Works Department, No. 334 R., dated 21st June 1898.

I beg to lay before the Government of India the usual synopsis of transactions of the three Railway Companies still designated as Guaranteed Railways

for, and to end of, the year 1897.

2. The subscribed Capital on 31st December 1897 of these Railway Com-

panies bears interest as shown below:-

			C	APITAL BEA	MENG THE	PEREST AT				Pro-	Dis	
RAILWAY.	21%	# 2%	3%	31%	Rfc	4%	41%	48%	s%	mium on stock,	count on stock.	Total Capital raised.
	B	4	£	d	B	B	d,	4	B	B	B	8
Madras	405,300	60,000	331,700	100,000	140	000	500,000	999,960	8,757,670	12,039	3,713	11,163,950
Ditto Extension .	180,000	100	***	P02 9	000	***	100	000	***	***	1,000	
Bombay, Bareda and Central India	849,400	100	300,000	788,500	***		000	000	7,550,300	20,968	11000	9,510,76
Great Indian Penin- sula	1,602,100	300,000	1,068,800	000	***	2,701,450		00.0	30,000,000	393,449	833,884	25,732,515
1) Total to end of 1897	2,956,800	360,000	1,701,500	888,500	440	2,701,450	500,000	999,960	36,307,970	335,456	238,997	46,512,239
2) Total to end of	1,049,400	360,000	1,706,600	2,092,800		2,701,450	590,000	9991960	36,307,970	335,056	225,891	45,827,345
3) Total to end of 1895	960	360,000	1,705,600	3,343,800	400	3,791,450	500,000	999,960	35,307,970	320,532	225,891	45,913,431
4) Total to end of	*****	****	937,800	3,556,800	804,800	2,701,450	500,000	999,960	35,307,970	330,507	285,891	45.913,390
5) Total to end of	D+1	***	637,800	3,566,800	804,800	8,701,450	500,000	999,950	36,307,970	380,507	295,898	45,613,390
i) Com- (increase	1,007,400	110	200	90.0	***	***	004	000	***	000	13,105	684,694
with (2). Decrease	000	200	5,100	1,204,300	e00	499	601	***	200	***	***	404

3. The following table shows the growth of the Capital Accounts of the Guaranteed Railways during the last five years, the net increase to the aggregate subscribed Capital during that period being £1,158,443:

•	TOTAL CAPITAL SUBSCRIBED.					ID.			
		Year.			Amount.	Increase.	Decrease.	REMARKS.	
o end o	1893 1894 1895 1899	•		•		£ 45,613,396 45,913,396 45,913,421 45,827,345 40,512,239	£ 259,600 300,000 25 684,894	£ 86,076	
		Net	incre	ase			1,158,4	143	

Capital Outlay.

4. The aggregate outlay charged off to "Construction" stood at the end of each of the last five years as follows:—

							1	7.
To end o	of 1893	•		٠.	٠	• 1	44,394,765	206,765 210,860
>>	1894	•		•	9		44,605,625	
37	1895				•	•	44.931.753	326,128 4
27	1896		•				45,261,618	329,865
11	1897	4			•	•	45,605,516	343,898*
	İ	ncrea	se in f	ive ye	ars		• • •	1,417,516

5. The expenditure charged to "Construction" during and to end of the year, gives the following as the cost per mile of open line:

	CONSTRUCTION PER OP	EXPENDITURE EN MILE.		
RAILWAY.	During 1897.	To end of 1897.	REMARKS.	
	R	R		
Madras	638'94	1,41,994:28		
Bombay, Baroda and Central India	6.531.19	2,34.103'10		
Great Indian Peninsula	244.83	2,13,972'21	100	
Average oulay per mile open .	1,448.68	1,93,973'90		

The cost expressed in rupees is, as regards payments in England, at the contract rates of exchange, which for many years have been higher than the actual rates, and consequently the cost is understated by the difference between the contract rate of exchange and the actual rate prevailing.

Capital locked up in stores.

6. The subjoined table shows the fluctuations in the value of stores in stock during the past five years:

		RED	UCTION IN ST	ock.		Total reduction in five years.	
RAILWAY.	1893.	1894.	1895.	1836.	1897.		
	R	R	R	R	R	2	
Madras	94,080	3,881	17,343	2,47,270	1,60,905	5,23,479	
Bombay, Baroda and Central Ingia	2,39,793	-3.35.434	1,63,687	-10,15,246	92,801	-8,54.399	
Great Indian Peninsula .	7,46,049	-10,44,501	4,77,966	11,54,513	-1,05,172	12,28,855	
TOTAL .	10,79,922	13,76,054	6,58,996	3,86,537	1,48,534	8,97,935	

7. The increase in 1897 in the amount of capital locked up in stores on the Gréat Indian Peninsula Railway is due to the increase in stores in transit, chiefly sleepers and rails, for the maintenance of the line and wheels and axles, etc., for replacing Cammel's axles which have failed.

8. On 31st December 1897, the value of the stores in stock on Guaranteed Railways compared with the limits provisionally assigned for Capital to be locked up in stores was as follows:

up in stores was as follows :-

Railway.	Limit assigned.	Stock in hand.	Difference.
a	R	R	R
	Lakhs.	Lakhs.	Lakhs.
Madras	221	24	1 2
Bombay, Baroda and Central India	211	361	15
Great Indian Peninsula	50	401	-91
TOTAL .	94	1003	63

Revenue Account.

9. The gross earnings, working expenses and net earnings of the three Guaranteed Railways during the last five years have been as under:—

		Year.					Gross earnings.	Working expenses,	Net earnings.
F							R	R	Æ
1893 .				,	•		6,44,14,823	3,66,56,630	3,37,58,193
1894 .		•					6 25,43.792	3,04,89,810	3,20,53,982
1895 .				6	•		6,25,51,668	3 02,25,175	3,23,26,493
1896 .		•	•		0		6,15,03,813	3,10,63,858	3,04,39,955
1897 .	• •	•		٠	٠		5.41,59,009	3,18,28,764	2,23,30,245
Deduct-	est on over	drawn	capita	al .			unted to .	73,542	A ² 2,23,30,245
Contr Amou Co	ty of surple fibutions to int payable mpany on overable ou	provide by the	lent for Great of re	unds at Indi ant of I	ian Pe leased	enins Lline		3,98,104 10,742	16,10,046
Net receig	ots by Gove	ernmen	t.			4			2,07,20,199
4									С

1897, based on the contract rates of exchange, is shown in the following table, as also the percentage of interest and net profits on the Capital received. The figures in antique represent gain:

	Net receipts		Los	S TO STATE.		6	ra
Railways	fire deducting from net earnings payments on account of moiety of surplus profits and contribution to the Provident Fund and interest on overdrawn Capital, etc.		Amount. Per open mile.		Per cent. of gua- ranteed interest.	Per cent. of interest paid on total Capital received.	Per cents of Net Earnings realized during 1897 on Capital received.
-	R	R	R	2	Gain		
Madras	58,66,234	58,02,622	63,612	75 80	1 10	4.70	475
Bombay, Baroda and Central India.	54,76,264	47,29,786	7,46,478	1,701.26	1578	4°55	5'27
Great Indian Peninsula	93,77,701	1,29,97,220	36,19519	2,810'19	Loss. 27'85	463	3'34
Total 1897 .	2,07,20,199	2,35,29,628	28,09,429	1,094.87	11.01	4.63	4.08
. 1896 •	2,53,93,080	2,35,84,714	18,08,366	704'74	7 66	4.66	5'02
1895 .	2,66,97,405	2,36,00,026	30,97,379	1,207.59	13.13	4.71	5'33
1894 .	2,54,43,482	2,35,27,392	19,16,090	74703	8-14	4.40	2,08
1893	2,75,54,175	2,35,29,464	40,24 711	1,569:23	17'10	4'73	5'54

12. The actual loss to the State during the last five years due to its connection with the Guaranteed Railways, converting the payments in England on account of guaranteed interest at the average rates of exchange for the different years, is shown in the following statements:—

Philosophia		Yes	ar.		Net carnings	Guaranteed interest at contract rates.	Loss to State based on preceding cosumn.	Guaranteed interest at the average rate of the year.	Loss to State based on preceding column.	Loss involved in fall in exchange, being differ- ence between columns 4 and 2.
					3	2	3	4	5	6
					R	R	R	R	R	R
1893					2.75,54,175	2,35,29,464	40,24,711	3,12,91,058	67,36,883	1,07,61,593
38 94	4			•	2,54,13,482	2,35,27,392	19,16,090	3 90,56,04	1,36,12,612	1,55,28,702
1895		•		•	2,66,97,405	2,36,00,026	30,97.379	3,90,08,864	1,23,11,459	1,54,08,838
1896					2,53,93.080	2.35.84,714	18,08,366	3,64,48,422	1,10,55,342	1,28,63,708
1897		•		•	2,07,20,199	2,35,29.628	28,09,429	3.42,91,387	1,35,71,188	1,07,61,759

The details for each year are as follows:-

1893.

RATILWAY.	Net carnings.	Guaranteed interest at contract rates.	Losa to State based on column 2.	Gurranteed interest at 13-3'091d, the actual rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and a.
	1	2	3	4	5	6
r)	R	R	R	R	R	R
Madras	54,21,742	58, . 8,768	3,97,026	84,82,732	30,60,990	26,63,964
Bombay, Baroda and Central India	70,66,987 1,50,65,446	45,57,450	25,09,537	66, 42,708	4,24,279	20,85,258
TOTAL .	2,75,54,175	2,35,29,464	40,24,711	3,42,91,058	67,36,883	1,07,61,594

1894.

Railway.	Net carnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 1s. 1'248d., the actual rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	•	3	3	4	5	6
	36 AR	R	R	R	R	R
Madras	49,47,863	58,14,950	8,67,087	95,56,469	47,08,606	38,41,519
Bombay, Baroda and Central India	72,93,164	45,57,450 1,31,54,992	27,35,714 47,463	75,66,974 2,18,32,651	2,73,8 10	30,09,524
TOTAL .	2,54,43,482	2,35,27,392	19,16,090	3,90,56,094	1,36,12,612	1,55,28.702

1895.

RAILWAY.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 13. 1'3055d., the actual rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	8	2	3	4	S	6
	R	R	R	R	R	R
Madras	58,07,613	58,14,951	7,338	96,14,738	38,07,125	37,99,787
Bombay, Baroda and Central India	77,93,252	46,55,632	31,37,620	76,97,066	* 96,186	30,41,434
Great Indian Peninsula	1,30,96,540	1,31,29,443	32,903	2,16,97,050	86,00,520	85,67,617
FOTAL .	2,66,97,405	2,36,00,026	30,97,379	3, 90,08,864	1,23,11,459	1,54,08,838

1896.

RAILWAY.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 15. 2'232d., the actual rate of the year.	Loss of State based on column 4.	Loss by exchange, heing difference hetween columns m4 and 2.
-		3	3	4	5	6
	R	R	R	R	R *	R
Madras	53.76,369	58,11,677	4,35,308	89,83,762	36,07,393	31,72,085
Bombay, Baroda and Central India	67,67,726	46,89,598	20,78,128	72,48,606	4,0,880	25,59,008
Great Indian Peninsula	1,32,48,985	1,30,83,439	1,65,546	2,02,16,054	69,07,069	71,32,615
TOTAL .	2,53.93,080	3,35,84,714	18,08,366	3,64,48,422	1,10.55,342	1,28,63,708

1897.

RAILWAY.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 28. 3'00)145d., the actual rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	3	3	4	5	. 6 .
	R	R	R	R	R	R
Madras	5°,66,234	58,02,622	63,612	84,56,401	25 90,167	26,53,779
Bombay, Baroda and Central India	54,76,264	47.29,786	7,46,478	68,94.460	14,18,196	21,64,674
Great Indian Peninsula	93,77.701	1,29,97,220	36,19,519	1,89,40,526	95,62,825	59,43,306
TOTAL .	2,07,20,199	2,35,29,628	28,09,429	3,42,91.397	1,35,71,188	1,07,61,759

ORDER.—Ordered, that the note by the Accountant General, Public Works Department, and enclosure, be forwarded to the Governments of Madras and Bombay, Public Works Department, Railway Branch, and to the Department of Finance and the Accountant General, Public Works Department, for information.

A. R. BECHER,

Deputy Secretary to the Government of India.

Document accompanying,

Synopsis.



SUPPLEMENT TO

The Gazette of India.

No. 32.

CALCUTTA, SATURDAY, AUGUST 6, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazetth of India will be published from time to time, containing such Official Papers and information as the Government of India was deem to be of interest to the Public, and such as was usefully be made known. The Debates of the Legislative Council of His Buchlency the Governor General will in future be published in Part VI of the Gazette may receive the Supplement separately on a payment of five Rupees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupees six ber annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Oraers or Notifications, the Publication of which in the Gazette or India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 2nd HALF OF JUNE 1897 AND 1898

Distric	The same			UNHUS	E,	RIC		WHE	AT.	FLOUR (1	WHEAT).	BARL	EY.	Jawa	R.
- è	18.			1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898.	1897.
Barma—															
Tenasserim-			}										1		
Mergui .				18'7	20'4	39'1	42'5	***	444			£	***		***
Tavoy . Moulmein and /	Ambers		0	17	22.1	42'5 59'S	42°5	441	040	***	***	004			***
Pegu (deltaic)-				-/	23 3	393	00	***	***	400	**	***	***	04+	***
Rangoon . Thôngwa .				16.12	23.8	42'16	60'35	72'25	93*5	4.54			***	***	0.00
Bassein .				16'15	23'8	51	68 68	***	***	***	***	***		0.00	***
Pegu (inland)-						06							1		
Henzada Toungoo .				15'47 15'3	23°29 19'55	38°76 54'4	54'4 54'4	***	3.61	***	0.00	***	***	240	***
Upper Burme-															
Mandalay	•	*		18.03	22.78	55'93	61.41	40'4')	67.83	441	**1	**1	***	•••	***
Bamo	•	•	•	10'2	•••	55'25	***		44+	0.01	***	610	800		
Pakôkku .		*	•	19.22	25'5	42'5	65'45			***	***	000	000	14'45	19 55
Arakan- Kyaukpyu				18.7	21*25	37'4	42'5			0.01					***
Akyab .	4	۰	•	21.76	22.02	43'52	46107		944	400		0 + 0		***	041
					į										
Assam— Brahmapiltra—				,											
Goálpára Gauhati	٠	٠	•	20	32'5	37'5	60 45'62	200	***	•••					***
						***	42 02	***	901	***	***	***	***	***	***
Bengal— Bastera—								Ì							
Chittagong .						35	45	***	60		004	***	190		***
Dacca .	•	•	•	***	***	37.5	46.52	31.87	47'5	***	441	17'5	***	***	***
Deltaic-			-		1										
Midnapur .	•	۰	•	***	***	32*5	37'5	***	9++	4.60	***	***	491		
Calcuita .	•	٠	-	400	***	.i5	52°5	35	45	0.04	467	25	36.32	22.2	37.5
Central— Bardwan					***	33'12	46.5	32*5	800	001		401			***
Pabna	٠		•	***	***	35	50	31 41	42.2	000	***	***	247	001	***
Northern- Rangpus				807		36'25	52'5	40	55				44.		
Orista—											***			•	***
Cuttack .	•		۰	800	***	29'06	37'19	38'12	48'12		100	***	* 00		
Biker, south-				800		25'62	38.75	22'5	36.20			15104	30'78		1010
Bihar, north-						-5	3- 75	23	30 30	***	***	15'94	30 /0	15	17.5
Bhágalpur . Muzaffarpur	۰	٠		100	***	28'44 30'78	48'44	25'94 25'78	42'19 41'87	***	994	15'94	33'28	***	
					969	30 /0	3/ -9	23 /0	9. 117	***		17'34	30.32	***	***
NW. Provinces	-													06	
Bestern-				22'92	38*59	38'59	57'71	0.0050	40006						
Central—	•		•	00 yo	30 39	30.38	3//.	29°69	41.26	31.77	49'53	18'75	36.09	040	21.3
Cawnpore .	٠	٠		21'35	37'19	33'33	50	26:25	42*08	29*11	48.49	17'03	34'79	17.76	800
Western-	•	•	•	21 09		35'42	59'22	26.67	43'44	31.26	44*37	15.83	36.35	16'61	38'5
Mecrut .			•	89+	}	38'07	}	25.78	38.12	29.63	634	16.67	33'28	101	***
Agra	٠			***		88'91 41'87	60	30	42°03	4+	* * 4	26'72	34'06	***	40
Submentane, we	186-														
6hahjahanpur	0	0	•	***	***	90+	961	23'54	40	101	***	14'79	33'33	944	***
Ondh-												-			
Southern- Lucknow .				32'24	33'33	38'07	52'5	26'04	42'08	32'34	46.32	15'99	35.2	19'74	
Northern-	-									34	42 82	-3 99	35 30	19/4	-
Fyzabad .				18:59		38'12		26.12	41'04		m	17'03		17'03	

[•] The figures under "Rice, husked" represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

		.	Gн	R DÁL.	ARHAI	AM,	GR	ZE.	MAI	G1.	RA	MA.	BA
rs.	DISTRICTS.	1897.	1898,	1897.	1898,	1897,	1898.	1897.	1898,	1897.	1898,	1897.	898.
_	Burma-									•			
	Tenasserim-												
	Mergui.	000	***	***	***					0	***		9.
	Tayov.	600	201		***		401				•	***	
Amherst.	Moulmein and Ami	***	040	***	***	***	***	114		141			
	Pegu (deltaic)-		ì										
-	Rangoon. Thôngwa.	941	100	000	***	57'8	55.52	***	400	***	*1*		
	Bassein.	***	***	8.0-1	24.0			***	***	***		001	***
	Pegu (inland)-				,				1				
	Henzada. Toungoo.	***		***	***	***		800	***	***	117	000	
	Upper Burma-			1						***			
	Mandalay.		***	***	***	57:29	36'38	464	*1*			***	.1.
	Bamo.	100				***			***		***		
P	Pakokku.									***			
		***	***	010	*1>	***	941	411	***	***	***	***	-
	Arakan- Kyaukpyn.			*4*	***		101	111					800
	Akyab.	***	***		***		***	101	441	***		***	***
												ŀ	
	Assam-												
	Brahmaputra-	1											
	Goalpára, Gauhati.	***	***	***	1 5 4	111	101	***	***		000	***	•••
	-			1			j			***			i
	Bengal —												
	Chittagong.	370	400	***	***	51.52	40		***	149	***		
	Dacca.	330	400	50	33'75	43'75	30	***		444	000	***	***
	Deltaic-												
	Midnapur.	292°5	400 }		461						***	***	
	Calcutta.	345	330	35	32.2	37°5	26.32	40	21'25				
		300	330	35	34 3	9/3	20 23	40	21 25	***	104	45	7'5
	Central— Bardwan.	270	340	52'5	33'75	40	25	144			400	010	
	Pabna,	270	420	46.20	20	40	25'31	***	***	207	***	001	•••
	Northern-												
	Rangpur.	300	380	50	52'5	40	27.2	40	20		000	641	***
	Orissa— Cuttack	205	227'5	25'04	24107	32'97	27'81						1
		305	337°5	35'94	24'37	34 4/	4/01	500	***	***	001	000	***
	Bihar, south-	220	270	30'78	15'31	35	17.81		15'94		***		
	Bihar, north-				4 0					100			100
	Bhagalpur,	255	360	34'37	18 75	39'37	20*94	42*10	10*94	***	064	000	001
186	Muzaffarpue,	255'94	290'94	50	25.78	40	1+1	40	20	***	4 8 4	44+	***
	N 127 D												
-	NW. Provinces-												
	Benares.	266'67	360'62	53'54	24*37	41'41	19'37	***		100	081	55.16	***
	Central-												
	Cawnpore.	255'99	290'88	47'08	35	42'66	18.20	901			001	***	
		245	276'25	P41	30'78	39'37	19'23	40	447	441	800	0.00	
	Western-	265'62	336'82	101	27.6	38'12	20°26	***					
					,				400	840		444	1
	Agra.	266.43	297'66	50	28'44	42'03	19'53	40	+24	601	0.00	***	***
4	Submontane, west	270	340		000	***	18'59		689				000
				,,,,	341	787		,,,,		9.00	141	***	
	Oudh-						}						
	Southern- Lucknow.	260	320	811		43'33	20'62		19*43			de de	20.68
			3.2	***	***	73 33	-0 32	111	-9 43	***	901	400	
	Northern-												
	Fyzabad.	235	390'94	***	400	41'04	19.06	001	19784	1000	800	100	25'68

WHOLESALE PRICES FOR THE 2nd HALF OF JUNE 1897 AND 1898-continued.

				Rice, Unhubk		Rick, Hu	SKED.	WHE	AT.	FLOT		BARI	LEY.	JAWAI	t.
DISTRICTS,				1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.		1897.
ajputana— Eastern— Ajmere		•		33.33	33'33	•1•	•••	33'33	43.75	• 1 =	***	21.26	32 97	22/19	48*13
Southern— Ferozpur				20	33.33	57'13	80	23'49	35'57	28.12	39'01	12,5	28'54	22'86	40
Central - Lahore		•		26°25	37*29	40'78	65*68	21'67	33,15	26.32	36'35	13,18	25'99,	22'5	39'01
South-eastern - Delhi				25	38.07	36'35	53*33	25	39'01	3 3°33	43*33	15'68	32°08	21.61	42°08
Submontane- Amritaer .		•		24'22	38*07	44*43	61.26	21'93	34,00	23'54	35*57	14'06	27'08	22.86	41*98
Northern- Rawalpindi .	,			14'79	30	53.18	55'78	25'42	34'06	29'58	38'12	14.84	95	19.00	40
Western- Multan	,	٠		17'4	29'63	27.55	48*59	36.61	34°79	32'66	40	18°12	27.76	23'49	44'37
Sind and Baluchistan Karáchi Shikárpur	n—					40	52.2	33°75 25'78	38.75	***	***	21°25 16°56	30'94	21.32	36*25
Quetta	,	•		***		***	{	28.75 and 33.75	} 45	65	65	21'67	25.63	20	35'62
Bombay — Deccan— Dhar war Sholapur Poona	•	0		000		401	600	001	57'34	080 980	***	000	480	21'82	43°12 43°96
Khandesh— Ahmadnagar Dhulia				0 = 0	4.04	800	000	35'21	59 °74 59 °84	201	***	-00	201	000	53'33
Gujarat— Surat Ahmadabad	•			444	***	000	48'75	38'12	48.73	***	***	***	***	400	***
Central Provinces-									48	40	56				45
Nagpur Central— Jubbulpore	٠			400	***	35.81	48°5	34°5	43'25	33'31	48.5	***	460	17'75	***
Bastern— Raipur				***		28'44	53	28'44	45.62	35				004	***
Berar-															
Básim . Ellichpur . Amraoti	•	•	•	100	480	44.37	8o 66'25	39:28	61'54	***	66.25		***	19.23	44*4 57*1 5 0
South, central— Combatore . Salem .		•		000	000	***	400	***	200	604	***	***	400	26.87	28.7
Central— Beliary .				001	444			***		0.40	100	***	400	21'98	36'5
Cuddapah . Karnul .			•	36,32	33'3	39*22	49'48	***	***	***	***	***	***	21'87	33'3
Bast Coast, central Nellore				***	0.01		B 9 4	801	000	***	000	***		400	***
Rast Coast, south- Madras Tanjore Trichinopoly				23'7	24'9	45°6 43°3			000 010 141	404	100 200	***	900	000	900
Southern- Madura					***	***		000		***	***	***	004	26*67	25
Mysore-												.0			
Mysore . Bangalore .			•	33'66	25'7				14				000	14'62	

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

BAJI	ta.	R	AGT.	MAI	ZR.	GRA	M.	ARHAR	DAL.	Gu	1.	DISTRICTS.
898.	1897.	1898.	.1897.	1898,	1897.	1898.	1897.	1898.	1897.	1898.	1897.	
26.36	44'43	•	•	22*19	34'74	24°06	44'43	000	000	320	278.23	Rajputana— Bastern— Ajmere.
2*24	47°08	444		16*67	30,01	17'76	38 °02	40	57*13	360	320	Panjab — Southern — Ferospur.
				23'12	50	17'5	37.03	39'01	58'18	355*57	305	Central Lahore.
22119	50	7	'	21.61	44*43	19'53	39'01	30'78	50	345*94	290'88	South-eastern— Delhi.
8.18	48'49	***	***			17'03	36.32				320	Submontane-
***	***	•	***	0.00	***				41'87	290'94	278'12	Northern- Rawalpindi.
19'06	47'03	***	0.00	17'34	25	20'94	36.35	42'5		376'41		Western—
19'06	44'37	400	***	20'94	44'37	20,04	37'24	***	***	370-41	320	as uttan.
φ ²	45'62	***	444	ba++	***	24*06	43'75 37'5	45	65	350 366'25	365	Sind and Baluchistan— Karáchi. Shikárpur.
19'37	***	***	***	27'5	50					360	335	Quetta.
												Bombay -
***	460	400	34'79	000	***	***	49 27	***	***		000 000	Dharwar. Sholapur. Poona.
19'69	52°4	00+	***	***	400		55*21	000	***	001	***	Khandesh— Ahmadnagar, Dhulia.
26.67	40	000		000	***	100	40	***	***	600	1 5 0 4 0 h	Gujarat— Surat. Ahmadabad.
												Central Provinces-
***	***	881	***	p 4 #	***	24°5	48	26	55.62	350	319	Western- Nagpur.
940	***	440	•	649	004	20	40	28°56	53'31	260	240	Central— Jubbulpore.
***	644	500	110	***	***	20'5	45'62	25	65	280	270	Eastern— Raipur.
28.5	66'67	000	040		000 001	31.75	57°14 61°50	25 30	66.67 61.56	325	320 320	Berar — Basim. Ellichpur. Amráoti.
												Madras-
20.63	22'5	24'9	25'5		***	40	4,5°62	34°53	000	400 342'92	45 6'87 35 9'95	South, central— Coimbatore, Salem,
***			6+4	800	***	40	45°73	401	36*35	380'42	380'42	Central— Bellary.
20'31	32.76			070	***	***	000	000	010	333'33	316'67	Cuddapah. Karnul.
0.00	***	25.1			***	0 00	28 85	31'41	28'85			Bast Coast, central- Nellore.
***	000			***	***	40'26	45'83	***	100	329.11	329*17	East Coast, south— Madras. Tanjore. Trichinopoly.
***	***	261			000	***	33°12	30136	33'12		45*	Southern- Madura.
30'99	***	0.00									1	Mysore-
	400	21	55 19'5	9		27.71	.26'03	76'6	63'08			D welese
101		33		1	***	33'32	31	47'04	35	377'02	411	Bangalore.

WHOLESALE PRICES FOR THE 2nd HALF OF JUNE 1897 AND 1898-concluded.

					Gór	•	SAI	.т.	Товассо	LEAF.	TURM	ERIC.	GRA	\$3.	STRA	w.
Distric	rs.			-	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Kajputana— Eastern— Ajmere		•			50	50	880	000	000	e0+	000	864	5	5	**5	5
Panjab—						İ										
Southern- Ferozpur .		•	٠		***	000	***		50	70	113'18	100	3,38	3*33	2'5	5'7:
Central— Luhore				-	,	44*	***	000	57'13	57*13	123'07	88*96	10	13'28	4'22	5'7;
South-eastern- Delhi			•			10.0	800	***	80	80	114'27	114'27	5	7.39	5	7.3
Submontane - Amritsar .			٠		544	000	307	400	461	•••	***	***		4'01	3.8	4'4
Northern- Rawalpindi .					410	100	0.00	. 000	40	40	118'75	89'48	5	4'43	4,01	6'8
Western- Multan					001	***	***	***	100	100	133'33	106°56	3 33	3'12	3.00	4'6
Sind and Baluchi	sta	m-														
Karáchi Shikárpur Quetta		•	* *		95	93 75	***	***	95	130	102'5	90°62	201	4'01	000	400
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Ahmadnagar . Dhulia		•	•		***	004	000	***	000	0.4.0	405	000	000	000	000	***
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Básim Ellichpur . Amráoti .				4 4	***	***	000	000	140	228 200	135	76'25 110	····	 5 1'75(a)	000	500
Madras—																
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Bast Coast, sout						44.4	***	***	101160	***			***	100		
l'anjore Trichinopoly			•		1	47'71	***	000	131'67	131'67	}	57.6	***	000	000	601
Southern- Madura					***	•••	640	000	116.44	89.69	***		801		4'37	5
Mysore— Mysore					68'56	4645				474	parts.	ania.		2015		
Hangainre .		e .			22.60	46°62 68°5	000		374	374	101'29 85'69		10'71	10'71	12'5	21

(a) Per 100 pullies weighing on an average 158 lbs.

The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR 4	TALKS.	Ви	USA.	SHI PER 5			CORE.		UGH KS, PER R.	Districts.	
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5	4,2	•	0 000	140	140	783	***	80	80	Rajputana— Bastern— Ajmere.	
										Panjab — Southern—	
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	***	000		100	100	***	104	105	86	Lahore, South-eastern-	
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000	Ped eee	600	***	***	000	400	000 414	000	***	Gujarat— Surat. Ahmadabad.	
	11			60	60	240		70	70	Central Provinces- Western- Nagpur.	
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 1*75(a)	11 11(a)	000	0 4 8 4 4 4 9 9 4	50	6o 55	000	000	90	50 80	Berar— Básim. Ellichper. Amráoti.	
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008	948	800	***	100	80	100	80	120	105	Central— Bellary. Cuddapah. Karnul.	
000	7	***	***	800	040		100	***	***	Rast Coast, central— Nellore.	
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•••	***	004	000	***	400	004	•••	40	40	Southern— Madura.	
3*29	3.63	•••	000	100	100 100 to }	660	000	70	50 50 to 70	Mysore- Mysore- Bangalore-	

(a) Per 100 pullies weighing on an average 748 lbs.

J. A. ROBERTSON,
Offg. Director-General of Statistics.

STEPHEN JACOB,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 2nd HALF OF JUNE 1898. (The figures represent

					Rics.				NAME AND		BAJRA	BAJRA OR	
	WHEAT.		BARLEY.		Best sort.		Common.		(Sorghum quigare).		(Penicillaria spicata).		
Districts.		Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pro- vious half- month.	Half- month of report.	Pre- vious half- month	
ngma— Tenasterim— Mergui Tavoy Moulmein and Amberst	,	7	000	060	12 — 18 3 9 9	12 — 13 3 9 9	13 14 13 — 12 3	12 14 13 — 12 3	000	6000	000	900	
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Pegu (iniand)— Tharawadi	10 6	10 6	090	000 000 000	12 3 11 1 9 15 11 3	12 5 11 1 9 15 14 9 10 —	16 7 11 1 13 4 12 0 14 8	16 7 11 1 13 4 16 8 13 12	24 8	27 9	000 000 000	600 600	
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the number of sers (of 80 tolas) and chittacks sold for one rupes.)

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			001	4-	4-	-		4-	- 4-	. 4-	4-	Bengal— Eastern hill tracts— Nágá Hilla.	
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RETAIL PRICES FOR THE and HALF OF JUNE 1898-continued. (The Agures

														Ric	E.		Jawa		BAJR	
									WHI	EAT.	BAR	LRY.	Best	sort.	Com		(Sorg	LUM MHM	(Penici apica	llaria
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ngal—contin	uad.																			
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Hazáribágh Bihár, south- Monghye			•		•		•		12 8	11 8 14 2 to	1 5	24 2				12 13		884	000	
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lhána						•			15 4	1 -0			1 1		12 -	11 -	-			20
Farukhabad			•	•	•				15 11	15 1	25	3 25 1	4 4 4	4 12		7 8 to		***	***	
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Western-	•							•	15 -			3 23 -	4 -			9 4		. 16 -	16 -	30
Agra							• •		14 -	14 -	- 24	3 24 1		8 6 8	9 -	9 -	22 -	23 -	22 8	23
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represent the number of sers (of 80 tolas) and chittacks sold for one rupes.)

MARG RAGI Jine Car	Ries.		K O N,	GRA OHEN CHOI RADA OR BU (Cic	NA, Lay Naga		izz Mays).	CAT (Caj	AR, OR IUR, DJAN EA GNOS CMSJ.	Sa	M.T.	Distratore.
Half- month of report.	Pre- vious half- month,	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report,	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- mouth of report.	Pre- vious half- month.	
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001	- 000	000	699	14 8	14	21 -	20 —	22 8	22 —	9 -	8 -	Santhal Parganas.
901	***	801	200	15 12	15 12	000	809	20 -	20 -	9 12	9 6	Pabna.
201	000		881	17 1	17 1	***	406	***	140	9 -	8 10	Bogra.
669		***	001	19 8	16 8		100	28 12	21 —	678	9 -	Rajehahi,
- 001	999	000	.000	20 -	20 —	***	20 —	***	***	and 9 —	8 8	Malda.
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001			001	16 —	14 12	***	+11	20 -	21 -	10 4	10 4	Dinajpur.
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13 —	13 -	200	700	10 8	10 —	18 -	18 —	6 —	6 -	8 —	8 -	Darjeeling. Orissa—
6.81	***	004	001	12 1	11 13	***	***	12 5	12 4	12 5	12 5	Puri,
900	000	***	400	13 130	13 130		800	15 12	15 12	10 12	10 13	Cuttack.
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861	***	004	860	9 —	9 —	100	400	16 -	16 -	7 -	7 -	Singhbhum.
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21	22 -	601	000	13 -	13 -	14	16 —	12 —	13 -	9 -	9 -	Lohardaga.
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17 -	18 —	000	880	15 8	16 21 81	12 12	14 —	15 -	16 —	8 -	8 — 9 152	Hazáribágh, Bihár, south.→ Monghys.
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800	0.00	13 -	10 -	21 -	22 —	82 -	23 -	25 →	24 -	11 -	10 8	Patna.
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21 ma	91 —	000 000 400	000	19 — 16 — 20 — 19 8	16 — 19 — 16 — 18 — 19 8	28 — 20 — 20 — 21 —	32 — 20 — 19 — 20 —	18 — 22 8 23 —	18 — 22 — 23 —	10 8	10 4 10 - 9 8 10 -	Bikar, north — Purnoa. Bhágalpur. Darbhanga. Muzaffarpur. Sáran.
000	***	8	10 -	18	17 8	20 -	21 —	31 -	21 -	10 —	9 8	Champaran.
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000 000	***	16	16 —	18 4 21 — 18 — 20 —	20 - 22 8 19 8	22 —	21 4	13 — 14 — 12 12	13 — 14 8 12 —	9 13 10 4 10 8 9 13	10 4 10 13 10 8 10 8	Allahabad. Gentral— Hånda. Katchpur. Hamirpur.
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000	019	000		19 1	19 12	***	***	12 15	12 15	10 14	10 14	Farukhabad.
11 8	11 8	9 8	9 8	19 8	20 -	22 8	22 8	17 8 15 8	17 6 23 8	11 8	11 -	Maiapuri. Etab. Western-
991	600		000	19 4	19 — 20 8 23 6	19 -	27 —	19 -	18 — 14 — 25 —	12 2	11 — 12 2 12 —	Moorat. Agra- Muttra-
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966	000	14-	14 -		20	17	17 8	15 6	15 2	11-	10 10	Bulandshahr.
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RETAIL PRICES FOR THE 2nd HALF OF JUNE 1898 -continued. (The figures

			RI	CE.	JAWAR GR	BAJRA OR CUMBU
	WHEAT.	BARLEY.	Best sort.	Common.	(Sorghum	(Penicillaria spicata).
Districts.	Halfe Promonth vious of halfersport, month	ot haif-	Half- Pre- month vious of half- report. month.	Half- month vious of half- report. month.	Half- month Gious of half- report. month.	Half-month of report.
NW. Provinces—sentd. Submontane, west— Shahjahanput	. 17 — 26 8	3 27 - 28 4		11 - 11 -	16 — 18 —	***
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Muzaffarnagar	. 16 8 16 8	8 88 10 27 8	5- 5-			
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RETAIL PRICES FOR THE 2nd HALF OF JUNE 1898-continued. (The figures

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RETAIL PRICES FOR THE 2nd HALF OF JUNE 1898-concluded. (The figures

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J. A. ROBERTSON,
Offg. Director-General of Statistics.
STEPHEN JACOB,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, July 30th, 1898.

During the present week the weather has been unsettled on both sides of India. Between the 24th and 26th a well-marked cyclonic storm was shown off and over the North Madras Coast, and heavy daily rain was experienced from Masulipatam northward to Orissa. On the 25th a low pressure area appeared off the North Bombay and Kathiawar coasts. The storm intensified during the 26th and 27th and moved away on the 28th, when the winds shifted to their normal monsoon directions at Karachi, Verawal and Bombay. During the existence of the storm the monsoon was strong along the west coast, and heavy rain fell along the west coast and inland over the Deccan. Naturally these two storms occasioned a considerable interruption in the free flow of the monsoon into Northern India, and it was not until the 28th, 29th and 30th that any rain of importance was received over Upper India, though occasional scattered showers were reported in the earlier part of the week. As soon as heavy rain began to fall over Northern India, the amounts decreased along the west coast and rain practically ceased over the east of the Peninsula. The mean temperature was higher than usual on most days of the week.

Daily Summary.—Sunday, July 24th.—A well-marked cyclonic storm lay over the west of the Bay, the lowest pressures being reported from Vizagapatam, where the barometer read o 24 inch below the normal average. A shallow low pressure area was also appearing off the Kathiawar Coast, while pressure was highest in Malabar and relatively high in the North Punjab. The winds were strong and cyclonic around the Bay; cyclonic but weak in North Bombay: westerly over the south of the Peninsula and easterly in Northern India. The mean temperature was high in North-Eastern and Central India and over the south of the Peninsula and lower than usual elsewhere. At Sialkot the variation from the normal was —114° and at Vizagapatam —74°. Fairly general rain had been received over the Peninsula and the central parts of India and scattered showers in Burma and Northern India.

Monday, July 25th.—Pressure had increased briskly to rapidly over Burma and slightly over the Bay, but had fallen elsewhere. The centre of the Bay depression lay off the coast between Vizagapatam and Coconada, while the low pressure area off the Kathiawar Coast was practically unchanged. The winds remained cyclonic both over the Bay area and along the North Bombay coasts, easterly and south-easterly in Northern India and westerly to north-westerly over the south of the Peninsula. The mean temperature was lower than usual over the extreme north-west of India and across the central parts of the Peninsula, but was higher than usual elsewhere. General rain was reported from Central and Lower Burma, North Madras and the west coast districts, and elsewhere the weather was more or less showery.

Tuesday, July 26th.—Pressure had been steady or had fallen slightly over Bombay and North-West India and had risen elsewhere, the rise having been rapid over Burma and across the centre of the Bay. The Bay depression had passed inland and had filled up very considerably. On the contrary, the depression over the north of the Arabian Sea had apparently become deeper and gradients were steep along the west coast. The winds had shifted to south-west over the Bay, but remained cyclonic on the North Bombay coasts. The force was strong both on the North Madras Coast and along the west coast. The mean temperature was low across the centre of the Bay and across the centre of the Peninsula, but elsewhere the heat was excessive. General rain was reported from Burma, Lower Bengal and the greater part of the Peninsula, and scattered showers had been received elsewhere.

Wednesday, July 27th.—The barometer had generally risen over the Peninsula and generally fallen over Burma and Northern India. The depression from the Bay had practically disappeared, while that over the north of the

Arabian Sea had further increased in intensity. Southerly to easterly strong winds continued on the North Bombay coasts, but elsewhere the winds blew from their normal monsoon directions. The force was strong at the head of the Bay. The temperature had risen over the Carnatic, but was lower than usual over other parts of the Peninsula as well as around the head of the Bay and over the West Punjab. Over the remainder of India the heat was excessive. General rain had fallen over Burma, Assam, Bengal, the North-West Hinfalayas, the west coast districts and the central parts of the country. Elsewhere the weather was fine with a few passing showers.

Thursday, July 28th.—The barometer had continued to rise over the Peninsula—more particularly in Bombay, and the depression over the north of the Arabian Sea was apparently moving away. The general conditions of pressure were fairly normal and the winds blew from about the usual monsoon directions. The mean temperature was low over the west of the Peninsula, Lower Burma and parts of the Punjab, but elsewhere the heat remained excessive. The weather had been showery over the greater part of the country, the showers having been most general in Burma and Bombay and least general in Madras and Upper India.

Friday, July 29th.—The barometer had risen rapidly over North Bombay and fallen briskly to rapidly over the Punjab. Elsewhere the changes had been small. The general conditions of pressure were fairly normal, and the winds blew from about the average directions. The force was strong on the North Bombay coasts. Temperature had fallen and was below the normal along the foot of the North-West Himalayas, but elsewhere the heat remained generally excessive. The rainfall was similar to that reported on the previous day.

Saturday, July 30th.—Pressure had changed considerably but irregularly in the extreme north-west, but elsewhere the alterations were slight and the distribution of pressure remained fairly normal. The winds blew from the usual directions and were very strong on the Kathiawar and North Bombay coasts. Temperature had fallen very generally, but was still high for the time of year over a large part of the country—more particularly over the Carnatic and the Western desert. The weather had been showery over the Peninsula and North-West India, but general rain had fallen elsewhere.

Temperature.—The mean temperature has been generally excessive during this week. The Bay storm occasioned heavy rain over North Madras, and thus reduced temperature over the central parts of the Peninsula, but at the same time it prevented rain falling over Northern India, so that the temperature there was very excessive. The storm in the Arabian Sea only slightly affected the weather in Bombay, so that there also the heat was great, while in the Carnatic, as soon as the Bay storm had disappeared, the mean temperature went much above the normal.

The following table gives temperature data for the week:

			1	ULY 1898	3.			Mean
PROVINCE.	24th	25th	26th	27th	28th	29th	30th	of week.
	0	6	0	0	0	0	0	0
Burma	+2.2	+3.1	+0°8 +3°4 +5°6	+0.4 +0.3 +5.5	-0°2 +1°3 +2°5	-0.3 +1.3 +2.4	+0.6	+ 0.0
Oudh. Punjab. Bombay Central Provinces and Berar Central India and Gujarat Sind and Rajputana Madras	-5.5 -0.3 -0.3 -0.9	-3.0 -0.8 +2.9 +3.2 +1.4 -2.7	+1'4 +4'3 +5'3 +4'1 -1'9	+2.7 -0.7 +3.4 +5.8 +6.8 +0.4	+ 1°9 -0°4 + 3°3 + 4°8 + 5°9 + 1°6	+0'7 +0'2 +1'7 +2'9 +3'9 +3'0	+0.3 +0.6 -0.1 +0.4 +3.1 +2.4	+3°4 +3°4 +3°5
Mean for whole of India .	-0.3	+1.1	+2.4	+2.7	+2.3	+1.8	+0.8	+1'

The mean temperature of the whole country was about normal on the 24th, but was above the normal during the remainder of the week. The excess was greatest on the 26th, 27th and 28th when it exceeded 2° and when the mean temperature was higher than usual in all provinces, except Bombay, Madras and Burma. The provincial variations show that the heat was greater than usual in Bengal, Assam, the North-West Provinces, the Central Provinces, Central India, Gujarat, Sind and Rajputana and about normal elsewhere.

Rain.—Fair monsoon conditions have continued to prevail over the Indian region during the week under review, but the distribution of the rainfall has been somewhat different in the present week from that in the two preceding weeks. In the week ending on July 16th and in that ending on the 23rd the rainfall over Northern was heavier than that over Southern India owing to the presence of shallow depressions over the former area, but during the week just ended the depressions which have affected the rainfall have been located over the Bay and the Arabian Sea, so that rain has been heavier and more general than usual in the south of the Indian region and lighter and more scattered than usual in the north. On the 28th, however, these two depressions had disappeared, and low pressures were re-appearing over the Gangetic Plain, so that by the close of the week conditions, similar to those which had prevailed during the middle of the month, were rapidly being re-established over India, and the heaviest and most general rainfall was reported again from Northern India. In consequence of these changes in the distribution of pressure, rain was reported daily from Tenasserim, Lower and Central Burma, mainly on the 26th and 27th from Upper Burma, mainly on the last three or four days of the week from Assam and Bengal, and mainly on the last day of the week from the North-West Provinces. In the Punjab there was no general rainfall, but scattered showers occurred throughout the week. In the west of the Peninsula rain occurred daily and over the central parts of the country almost every day, while in Gujarat the fall was mainly on the last three days of the week. In Madras the rainfall was reported on the first three days, the latter part of the week exhibiting fine weather.

The rainfall table at the close of the summary shows that rain during the week was received in all the rainfall divisions, except Baluchistan, but in South Madras the fall averaged only 0.03 inch for the whole division and was hence unimportant. Omitting these two divisions, the average actual rainfall ranged from 13.57 inches in Coorg, 11.32 inches in Malabar, 11.33 inches in Arakan, 9.75 inches in the Konkan and 9.61 inches in Tenasserim, to 0.37 inch in the West Punjab and 0.25 inch in the south of the east coast. The general distribution of rainfall relatively to the average was consequently fairly normal. The third column of the table shows that the actual average rainfall was heavier than usual in twenty-three of the rainfall divisions and lighter than usual in thirty-four divisions. The area which had heavier rain than the normal included the following divisions, vis., Deltaic and Central Burma, Arakan, East Bengal, the south, central, submontane and north divisions of the Punjab, all the west coast divisions, Berar, Kathiawar, Sind, West Rajputana, the East Coast (North and Central), the south of Hyderabad and the central division of Madras. The excess was generally small, but was more than 5 inches in Malabar, nearly 4 inches in Coorg and over 2 inches in the Konkan and the north of the east coast. Except in the divisions mentioned above, the rainfall was short of the average, the deficiency being largest in the Punjab Hills (3.07 inches), the Assam Hills (2.66 inches) and the Surma division of Assam (2.29 inches), and generally exceeding one inch over the North-West Provinces and the Central Provinces.

The three concluding columns of the table show the state of the monsoon rainfall for the whole period from May 29th to July 30th. In twelve divisions—vis., Chota Nagpur, the east, east submontane and hill divisions of the North-West Provinces, South and North Oudh, the Central and North Punjab, the Bombay Deccan, Sind, the north of the East Coast and the south of Hyderabad—the rainfall of the whole period has exceeded the average; in thirteen divisions—vis., Tenasserim, Upper Burma, the Surma and hill divisions of Assam, the

west of the North-West Provinces, the South-East Punjab, the south-central division of Madras, Coorg, Mysore, Kathiawar, Baluchistan, the south of the East Coast and the south of Madras—the fall has been short, while over the whole of the remainder of India it has been fairly normal. In the two districts of the Bombay Deccan where scarcity exists—vis., Sholapur and Bijapur—the rainfall of the week was good, the average actual fall in the former having been 2'01 inches, the normal being 0'76 inch, and in the latter 1'10 inches, the normal being 0'67 inch.

The following are the principal large totals recorded this week:

IC IOHOWH	IZ CILC U	110 200		0					
Burma	0			Kyaikto, Thaton .				16.39	nches.
Assam	•			Cherra Poonjee .	9			6.88	**
•	•	•	·	Perojpur, Backergunj				9.29	22 .
Bengal		•	•	Khuina .				9.72	29
				Kurseong, Darjeeling				14.50	22
				Deogaon, Azamgarh				5'86	99
North-W	est Prov	inces	0	Kotedawara, Garhwal				6.85	33 €
n · 1				Dasuya, Hoshiarpur				7.33	22
Punjab		٠		7 F				9'24	23
05.1.1				Vayitri				25.78	3.7
Malabar		*	٠	Khed, Ratnagiri				15.21	21
Konkan	٠	•	•					36.45	29
Deccan			٠	Bavda, Kolhapur	4	•	•		
Central	Province	es a !	nd	Mehker, Buldana	•		0	7.53	33
Berar.								. 0:05	
Madras				Bhadrachelam, Goda	very			13.05	93
			,	Tiruvur, Kistna	٠	٠		8.72	99

•		RAINFALL	DATA FOR WER JULY JOTH, 1891	E EMDING	RAINPALL	JULY JOTH, 189	e.
PROVINCE,	o DIVISION.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect in inches.	Average actual rainfail of season to date.	Average nor- mal rainfail, May 20th to July 30th.	Excess or de- fect of (sea- sonal) rain- fall expressed as a per- centage.
•		Inches.	Inches.	Inches,	Inches.	Inches.	Per cent.
BURMA	t. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	9°61 5°96 3°74 1'33	10.68 5.04 3.20 2.79 9.72	- 1.07 + 0.92 + 0.24 - 1.46 + 1.61	70°36 45°10 24°89 11°27 95°18	89'14 43'26 26'75 20'47 104°66	- 21 + 4 - 7 - 25 - 9
BBNGAL AND ASSAM	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	5°15 2°46 3°38 2°86 2°41 1°65 1°85 6°40 2°91 2°48 2°17 1°21	4'09 4'75 6'04 3'71 2'94 2'53 3'46 6'72 3'11 3'31 3'03 2'66	+ 1'06 2'29 2'66 0'85 0'83 0'88 1'61 0'32 0'80 0'86 1'45	37'13 36'50 49'55 29'82 21'84 22'71 40'58 52'37 17'03 26'01 17'96 18'22	38·14 49·19 64·67 31·87 22·22 22·07 42·73 63·59 20·89 20·35 16·77 20·48	- 0 - 2 + 3 - 5 - 18
NORTH-WESTERN PROVINCES AND OUDH.	18. NW. P. East	1°56 1°56 1°33 1°30 0°99 1°32 2°66 1°52	2'96 2'66 2'68 2'91 2'32 3'12 3'40 2'97	- 1'40 - 1'10 - 1'35 - 1'61 - 1'33 - 1'30 - 0'74 - 1'45	19'95 16'80 19'71 12'97 6'90 21'48 14'54 22'39	17.77	+ 21 + 23 - 33 + 27 - 18
Punjab	26. South-East Punjab 27. South do. 28. Central do. 29. Punjab Submontane 30. Do. Hills 31. North Punjab 32. West do.	1'23	1.85 1.11 1.27 1.91 6.12 1.42 0.89	- 0'70 + 0'12 + 0'92 + 0'93 - 3'07 + 0'55 - 0'52	6.84 8.41 12.37 24.00 9.31	5'05 5'91 10'59 26'74 5'64	+ 1; + 4; + 1; + 1; + 5;
Bombay and Malabar, Coast Districts (Madras).		11'32 2'09 13'57 2'08 9'75 3'38	5'92 1'15 9'59 1'64 7'44 1'46	+ 5'40 + 0'94 + 3'98 + 0'44 + 2'31 + 1'92	7'27 51'19 8'68 79'25 17'01	11'16 66'01 12'36 67'87 12'77	- 35 - 22 - 30 + 17 + 33
Central Provinces	41. Berar 42. Central Provinces West 43. Do. do. Central 44. Do. do. East	2'74 1'86 3'36 2'74	2'09 2'84 4'44 4'02	+ 0.65 - 1.08 - 1.08	20.6	19'20	+ 15
BOMBAY (NORTH)	45. Gujarat	3.28 1.16	0.2	- 0.31 + 0.64 - 0.31	3'5	5 2'5	+ 42
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Centra India West. 51. West Rajputana	2.66 1.12	1.87	- 0°17 - 0°72 + 0°00	10.28	13.10	- 19
Madras	52. East Coast North 52-A. Do. do. (s) 53. Hyderabad South 54. Madras Central 55. East Coast Central 50. Do. South	? 3'50 1'15 2'78 0'83 1'55	1'21 2'99 0'99 0'69 0'73	+ 2'20 - 1'82 + 1'70 + 0'12 + 0'82	15'99 15'30 13'3 5'14	10'9' 25'53 9'77 4 6'2!	7 + 45 7 + 36 7 + 36 7 + 9

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS, Secretary to the Government of India.

SIMLA, 4th August, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 30th July.—The rainfall was heavy on the West Coast and in the Circars; moderate to light in the Deccan; light in the Carnatic; and scanty showers or no rain in the Central and Southern districts. The fall during the last four weeks has been very deficient in two Deccan districts (Anantapur and Cuddapah), in Nellore, and nearly throughout the Central and Southern districts. The water-supply in large rivers is ample and in wells is fair; otherwise it is very low. Cultivation is progressing; the standing crops are thriving, and pasture is sufficient in the Circars and on the West Coast, elsewhere sowings are much retarded, and the standing crops are suffering severely owing to the scantiness of the rainfall, though there has been some improvement in parts of the Deccan during the week. Pasture in the Deccan, Carnatic, and the Central and Southern districts is scanty and fodder is dear. Prices are still almost stationary on the West Coast, Carnatic, and the Deccan; they are again slightly easier in the Circars and rather dearer in the Central and Southern districts. The numbers on relief in Nellore were:—workers—262 men, 294 women, 111 children; total 667. One woman and 39 children as dependants fed at kitchens. Grand total 707. Loans disbursed during the week Rs. 305.

Bombay.—For week ending 3rd August.—There was rain throughout the presidency during the week and the fall was generally good or moderate. More rain is wanted in the East Deccan and in parts of Bijapur, Dharwar, Kanara, and Thar and Parkar. The crops are withering in one taluka of Bijapur and have been damaged by locusts in two talukas of Shikarpur and in one of Belgaum; by insects in one of Bijapur; and by excessive rain in parts of Panch-Mahals and Broach. Sowing of early crops is progressing in ten districts, but is retarded in three for want of moisture. Transplantation continues in nine districts and preparations for late crops in two. Fodder is sufficient, except in one taluka of Karachi and in one of Upper Sind Frontier. Agricultural stock is healthy. Prices have fallen in seven districts; risen in Broach; elsewhere they are stationary. The price of jowari in Sholapur was 16 30 and in Poona 15 seers per rupee. The average number of relief workers was—Sholapur—13,896, of whom 4,254 are men, 7,658 women, and 1,984 children. On gratuitous relief—Sholapur—4,997, of whom 2,095 are men, 2,043 women, and 859 children. On one test work in Poona—there were 602 workers, of whom 288 are men, 271 women, and 43 children.

Bengal.—For week ending 1st August.—There was general rain in all parts of the Provinces during the week, but more rain is still wanted in many districts in the Burdwan, Patna, and Bhagalpur divisions for purposes of transplantation. The condition of the autumn crops and of sugarcane and jute is favourable. The transplantation of paddy is still going on and the harvesting of early rice and jute is in progress. The prospects of indigo are good. Prices are almost stationary, except in Patna, where they are reported to have risen slightly. The supply of fodder and water is sufficient. The condition of cattle is generally good.

North-Western Provinces and Oudh.—For week ending 3rd August.—
There was sufficient rainfall during the week, except in Moradabad. The autumn crop sowings continue in a few districts. The standing crops are flourishing. Weeding operations continue and sowings and transplantation of rice are in progress. Prospects are good and supplies and fodder are sufficient. Prices are steady.

Punjab.—For week ending 3rd August.—Rain ranging from 1 to 32 inches on the average has fallen in all districts, except in Sialkot and Shahpur. Sowings

of autumn crops ontinue. The condition of the standing crops is generally reported good; it is average in Dera Ismail Khan. Prospects have very much improved by the recent rain, though more is still badly wanted in parts of Dera Ismail Khan. Locusts passed over a part of Lahore and Rawal Pindi districts, but did no damage. Cattle are generally said to be in good condition. Fodder is sufficient throughout the Province. Prices, especially of wheat, are generally unchanged, but are falling in Amritsar, Peshawar, and Dera Ismail Khan; the prices of autumn crops have slightly risen in most districts on account of the great demand for seed. Wheat is selling from 15 to 24, barley 28 to 32, gram 20 to 23, bulrush-millet 16 to 25, maize 14 to 28, and great millet 16 seers per rupee.

Central Provinces.—For week ending 3rd August.—There was rain throughout the Provinces during the week; the fall was heavy in Jubbulpore and Mandla; elsewhere it was good or moderate. The rainfall is insufficient in parts of the Harsud tahsil and more rain is also wanted in Raipur and Bilaspur for biyasi (thinning bread-casted rice). The sowing of autumn crops has been completed in Hoshangabad, Nimar, and Bhandara and is progressing elsewhere. The transplanting of rice has been completed in Mandla and continues in the other rice districts. Weeding operations are retarded in parts of Hoshangabad, but are progressing in the remaining districts. Prospects of the standing crops are generally favourable, but damage is reported to have been occasioned to the juar crop in heavy soils in Saugor; in this district as well as in some other tracts, a break would be beneficial. Prices are almost stationary with a tendency to fall. The cheapest prices are—wheat 16, gram 32, rice 18, and juar 24 seers per rupee. In four districts wheat is selling under 12 seers per rupee; and in three districts rice is selling under 10 seers per rupee.

Burma.—For week ending 30th July.—In Lower Burma ploughing, sowing, and transplanting are in progress. In Upper Burma the general condition of crops is somewhat better than last week. Rain is again reported insufficient from parts of Thayetmyo, Pakôkku, Magwe, Mandalay, Shwebo, the Ruby Mines district, and Sagaing; but prospects have improved in Myingyan, Myitkyina, and probably in Meiktila. Withering of crops is reported from Shwebo where the rainfall has been much below the normal. No report has been received from Lower Chindwin or Minbu. The price of paddy has risen slightly in Rangoon, Pakôkku, and Yamethin, and has fallen slightly in Prome and Tavoy; elsewhere it is stationary.

Assam.—For week ending 2nd August.—The weather is hot. More rain is wanted in Sylhet and Nowgong. Harvesting of early and transplanting of late rice are in progress. The prospects of early rice are not good in Kamrup for want of rain in the latter half of May and the first-half of June, and also owing to floods; they are good in Sylhet, Goalpara, and Lakhimpur, and fair in other districts. Prospects of sugarcane are fair. Cutting of jute has commenced in Sylhet and plucking and manufacture of tea are in progress; prospects are generally good. Prices—common rice—Silchar, Sylhet, and Sibsagar 10; Dhubri 14; Gauhati 11; Tezpur and Dibrugarh 9; and Nowgong 8 seers per rupee.

Mysore and Coorg.—For week ending 3rd August.—MYSORE: Rainfall 33 cents in Civil and Military Station and good rain in parts of Hassan and Shimoga. The standing crops are in good condition. Prices have slightly risen in Tumkur and Chitaldrug; and fallen in Bangalore. Ragi (Eleusine coracana) has been sown in Bangalore, Kolar, and Chitaldrug.

Coord: Rainfall 8 inches 70 cents. Transplanting of rice continues. Ragi (Eleusine coracana) ears are forming. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 3rd August.—BERAR: The weather is cool and cloudy. The cotton and jowar crops are in good condition.

Sowings are nearing completion and weeding operations are incorporates. Fodder and water are sufficient. Prices are stationary.

HYDERABAD: Rainfall during the week 3.11 inches. Several tanks have been breached owing to the heavy rains. A break in the rains would be beneficial for the standing crops. Rice sowings are progressing. Prices of grain have fallen in parts. Prices—wheat 7½, coarse rice 7½ and jowari 14½ seers per current sicca rupee.

Central India.—For week ending 3rd August.—Good rain has fallen in Central India during the week, but the supply is still insufficient in the Malwa Agency. Agricultural operations are in progress everywhere. The standing crops, agricultural stock and pasturage are in good condition. Prices are low in Malwa; falling slightly in Baghelkhand; and are steady elsewhere.

Rajputana.—For week ending 3rd August.—Fair to good rain has fallen throughout Rajputana, but more is needed in Haraoti and Tonk, Meywar, Kotah, and Jaisalmere. Agricultural operations are generally satisfactory and sowings still continue. The state of the crops is generally good. Fowar is suffering in parts of Kotah from blight and want of rain, and more rain is required in parts of Meywar. Slight damage by locusts has occurred in three tehsils of Ulwar; locusts are lingering in Jaisalmere. Reports as to agricultural stock and fodder are generally favourable. Prices are falling in one State and are steady elsewhere.

Kashmir.—For week ending 2nd August.—Rain fell during the week; the weather is now fine. Reaping is still in progress. Prices are normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 3rd August.—There was good rain during the week. Prices are stationary. Sowing of autumn crops is in progress. The condition of the standing crops is good. Fodder is sufficient. Maize—20 seers per rupee.

Nepal.—For week ending 30th July.—Rainfall 4'95 inches. The weather is seasonable. Crop prospects are good. Rice—8 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

		PRI	CEDING WEE	к.	Pi	RESENT WEEK		Increase
NAME O	PROVINCE.	Relief works.	Gratuitous relief.	Total.	Relief works.	Gratuitous relief.	TOTAL.	decrease.
Madras Bombay		665	28 4,834	693	667 14,49 ⁸	4,997	707	+ 14
	TOTAL	17,676	4,862	22,538	15,165	5,037	20,202	-2,336

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Norg.—The agures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and Weather Summary in the Gazette of India.

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons gratuitously relieved in poor-houses or at their homes.

	Name of Province and		E WEEK			te week frh July			B WREK 3RD JULY			R WEEK	
No.	Name of Province and District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous rolief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
	Madras.	973	22	, 9	821	20	841	783	19	802	665	28	693
	TOTAL MADRAS .	973	22	995	821	30	841	783	19	,802	665	28	693
x	Bombay.	11,789	3,823	15,612	12,729	3,998	16,727	13,826	4,498	18,324	14,557	4,834	19,391
2	Poons	1,966	***	1,966	2,124	D-41-4	2,124	2,339	···	2,339	2,454	***	2,454
	TOTAL BOMBAY	13.755	3,823	17,578	14,853	3,998	18,851	16,165	4,498	20,663	17,011	4,834	21,845
	GRAND TOTAL FOR ALL PROVINCES.	14,728	3,845	18,573	15.674	4,018	19,692	16,948	4.517	21,465	17,676	4,862	22,538

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however-actually show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

T. W. HOLDERNESS,

Secretary to the Government of India.

Dated 5th August, 1898.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST TO 24TH JULY 1897, AND FROM 1ST TO 23RD JULY 1898. N.B.—As regards the figures in column Total Eurnings from 1st July 1898, audited figures have been used, as far as possible.

	Average	VV 25.85	K ENDING 2 JULY 1897.	Итн		uly 1898.	SRD	Din ma			
Bailway.	per mile per week during		Earnin			Earnin	43	Farnings from 1st to 24th	from 1st to 23rd	Increase.	Decrease,
ADDALD TO B. T.	the 2nd- half of 1897.	Mean mileage worked.	Toral.	Per mile open.	Mean mileage worked.	TOTAL.	Per mile open.	July 1897.	July 1698.	INGIOCES.	Decrease.
State Lines worked by companies.	Rs.	Miles.	Re.	Re.	Miles.	Rs.	Re.	Rs.	Re.	WRs.	Rs.
East Indian Bengal Central	629 210	1,737 125	9,55,218 16,794	550 134	1,740 125	10,16,000 13,700	584 110	34,65,371 55,096*	34,94,000 50,300	28,629	4,796
Bengal-Nugpur Indian Midland (including Shopal-Itarsi)	116 145	862 752	93,911 1,02,786	97 137	962 800	77,000 88,900	80	3,19,084 3,99,583	2,65,000 3,06,000	***	54,084 93,583
Bezwada Extn. (East Coast State). Madras-Ennur sec. (Bezwada-Mad.)	150 133	21	3,882	185	21	3,300 700	157 78	10;598 3,522	9,700 2,800	*** 6	898
Metra gauge— Rajputana-Malwa (including Godhra-	100			60				. 0,555	-	***	722
Rutlam-Nagdá) Palanpur-Doesa	196	1,815	2,64,208 449	146 26	1,815	8,12,000 600	172 35	11,33,647 1,720	11,69,000 2,100	35,35 3	***
South Indian	168 05	1,042	1,72,893 5,167	166	1,042	1,50,000	144	6,09,094	5,36,000	***	73,094
Mayavaram-Mutupet Southern Mahratta (including Guntakal-	95	54		96	54	4,300		20,064	17,100	***	2,964
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	110 127	1,165 296	1,71,010 38,384	147 130	1,165 296	1,07,000 25,700	92 87	5,72,265 1,39,949	3,76,000 92,300	000	1,96,265 47,640
Tirhoot section)	126	815	1,04,088	128	924	1,19,000	129	3,53,102	4,21,000	07,898	1
Lucknow-Bareilly	67 69	200 238	9,735 9,220	49 39	200 298	14.200 22,300	71 76	36,303 31,572	48,500 73,600	12,197 42,028	440
Burma	153 229	10.034	1,25,530 20,64,038	206	930	1,49,000	159	4,24,986 75,75,956	4,77,000 73,40,400	52,014	2,35,556
State Lines worked by the State. Standard gauge—	-	20,000		-	20,050			101.010			5,00,000
North Western (a) . Oudh and Rohilkhand (including the	243	2,885	5,59,863	194	2,885	5,80,000	201	19,17,818	21,22,000	2,04,182	0-01
metre gauge link) Eastern Bengal (incldg. metre & 2' 6")	177 411	875 817	1,28,402 1,94,544	147 238	1,013	1,62,000	160 241	4,86,479 6,56,729	5,61,000 6,50,000	74,521	6,729
East Coast Special gauges—	104	538	60,685	113	508	48,200	80	1,88,161	1,42,000	4++	46,161
Jornat Cherra-Companyganj	67	25	1,856	54	25	1,900 (b)	76	6,102	6,900	798	
Total . Lines worked by guaranteed cos.	243	5,140	9,44,850	184	5,279	9,81,100	186	32,55,289	34,81,900	2,26,611	000
Standard gauge— Great Indian Peninsula (c)			0.70.480	27.4	-		220		71.07.000		
Bombay, Baroda and Central India .	328 507	1,491 461	3,79,170 1,98,726	254 431	1,491 461	4,01,000 1,93,000	269 419	14,89,035 8,19,180	14,63,000 7,33,000	***	26,035 86,180
Madras	387	840 2,792	8,00,410	265	2,792	2,11,000 5,05,000	251 298	7,88,216 30,96,431	7,86,000 29,32,000	***	52,216 1,64,431
TOTAL (GUARANTRED AND STATE) Assisted companies.	250		38,08,848	212	18,470	38,92,800	211	1,39,27,676	1,37,54,300	***	1,73,376
Standard gauge- Delhi-Umballa-Kalka	212	160	20,473	128	162	24,800	153	75,193	75,800	607	
Tarkessur Southern Punjab (Delhi-Samasata)	232	22	4,393	200	22 400	4,400 27,000	200	19,600	17,000 95,800	95,800	2,600
Metre gauge— Bobilkhand and Kumaon (Co.'s sec.)	126	66	6,237	94		8,300	126	23,466	26,800		***
Bengal Dooars . Dibru-Sadiya	184 195	36 78	4,485 13,827	125 177	66 36	7.400	206	15,988	16,900	3,334 912	989
Ahmedabad-Parantij Special gauge	44	41	1,728	42	78 55	19,600 2,800	251 42	47,312 7,655	54,500 9,000	7,188 1,345	600
Darjoeling-Himalayan	300	51_	14,096	276	51	14,000	275	53,658	46,000	<i>b</i>	7,653
Lines owned by native states and	159	454	65,239	144	870	1,07,800	124	2,42,867	3,41,800	98,983	***
worked by other agencies.											
Bina-Goona Bhopal-Ujjain	21 52	74 114	1,155 4,010	16 35	74 114	1,800 10,200	24 89	4,340 17,926	5,700 30,200	1,360 12,274	000 001
Nagda-Ujjain The Nizam's guaranteed state	42 213	35 334	1,364 66,981	39 201	35 334	2,000 63,600	57 190	4,471 2,22,138	6,000 2,30,000	1,529 7,862	497
The Gackwar's Petlad Rajpura-Bhatinda	96 106	13	910 9,559	70 89	13 108	1,000	77 130	3,499 32,770	3,200 39,300		209
Kolar Gold-fields	423	10	4,019	405	108	4,600	460	18,936	14,400	6,580 464	
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud).	93	66	7,721	117	00	4,100	62	00.400	24.000		22.000
The Gaekwar's Mehsana Kolhapur	64 49	93	4,325	47	93	4,900	53	26,403 17,989	14,800 19,100	1,111	11,603
Special gauges— The Gaekwar's Dabhoi		29	1,608	55	29	1,400	48	7,979	5,800	4++	2,179
Bajpipla	43 12	79 19	3,456	8	79 19	3,600 100	46	10,398 543	12,400 500	2,002	43
Cooch Behar	115	996	1,002	107	996	1,12,300	113	1,388 8,63,780	2,700 3,84,100	1,322	461
Lines owned & worked by n. states.					(100			0,00,100	0,01,100	20,320	9.00
Bhavnagar-Gondal-Junagad-Porbandar Jetalsar-Rajkot	83 84	834 46	21,268 3,233	64 70	334 46	19,100 3,000	57 65	78,220	86,700	499	11,590
Jámnagar . Dhrángádrá	90	51	1,713	34	54	1,800	33	10,409 6,023	9,500 5,700	***	323
Jodhpur-Bickaneer Oodeypore-Chitor	57 39	364	14,846	61	21 405	18,300	88 45	82,272	2,600 72,400	2,600	9,872
Special gauge	92	60	1,812	30	60	2,800	43	7,208	9,100	1,892	***
TOTAL	69	949	5,409 48,281	58 51	1.014	50,800	55	20,841	18.900 1,84,900		1,941
GBAND TOTAL .	282	20,365	40,28,655	198	21,350	41,63,700	195	1,47,89,296	1,46,65,100	500	74,196
					-		-				

 ⁽a) Includes the Jummu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaos and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XV of 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

	Average	J	ULY 1897.	24/гн		ULY 1898.	23RD				1
RAILWAY.	per mile per		Earnin	gu.	Mana	Earnin	gs.	Farnings from let April to	Farnings from 1st April to	Ynorosso	Decrease.
•	week in 1897-98.			Per mile open.	Mean mileage worked.		Per mile open.	24th July 1897.	23rd July 1898.	AMOTOLOG.	Decrease,
State lines worked by companies. East Indian Bengal Contral Bengal-Nágpur Indian Midland (including Bhopal-Itárei) Bezwada Extn. (East Coast State) Madras-Ennúr sec. (Bezwada-Mad.) Vitre gauge—	Rs. 654 183 139 155 155 185	Miles. 1,787 125 862 752 21 8	Rs. 9,55,218 16,794 83,911 1,02,786 3,882 804	85. 550 134 97 137 185 89	Miles. 1,740 125 962 800 21 9	Rs, 10,16,000 18,700 77,000 88,900 3,300 700	Rs. 584 110 80 111 157 78	Rs. 1,83,36,152 2,80,172 19,76,009 20,28,013 45,222 10,909	Rs. 1,90,40,000 3,00,000 23,84,000 21,78,000 64,500 15,500	Rs. 7,03,648 28,828 4,07,991 1,49,987 19,278	Re
Raiputana-Malwa (including Godhra- Rutlam-Nágdá) Pálanpur-Deesa South Indian Máyavaram-Mutupet Southern Mahratta (including Guntakal-	210 44 166 92	1,815 17 1,042 54	2,64,208 449 1,72,893 5,167	146 26 166 96	1,815 17 1,042 54	3,12,000 600 1,50,000 4,300	172 35 144 80	68,18,665 15,847 30,59,297 91,125	80,49,000 12,200 28,65,000 85,200	17,35,335	3,647 1,94,297 5,925
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	113 123	1,165 296	1,71,610 88,384	147 130	1,165 296	1,07,000 25,700	92 87	27,08,570 6,52,599	20,91,000 5,00,000	000	6,17,570 1,52,599
Tirhoot section) Lucknow-Bareilly Assam-Bengal Burma Total State lines worked by the State.	147 81 73 186 248	815 200 238 886 10,034	1,04,088 9,795 9,220 1,65,539 20,64,088	128 49 39 142 206	924 200 293 936 10,399	1,19,000 14,200 22,300 1,49,000 21,08,700	129 71 76 159 202	21,93,746 2,98,603 2,75,380 26,84,300 4,09,78,609	22,75,000 3,77,000 4,04,000 27,12,000 4,33,61,400	81,254 78,397 1,28,620 27,700 28,82,791	000
North Western (a) Outh and Rohilkhand (including the metre gauge link) Eastern Bengal (include, metre & 2'6")	286 195 362 106	2,885 875 817	5,59,863 1,28,402 1,94,544	194 147 288	2,885 1,018 818	5,80,000 1,62,000 1,97,000	201 160 241	91,25,935 29,07,829 35,39,249	-1,36,16,000 34,35,000 36,15,000	44,90,065 5,27,171 75,751	040 040
Jornat Cherra-Companyganj Total Lines worked by guaranteed cos.	69 44 235	538 25 5,140	1,356 9,44,350	113 54 184	538 25 5,279	1,900 (b) 9,84,100	80 70 	8,76,872 33,347 (c) 2,945 1,64,86,177	9,33,000 26,600 (d) 1,400 2,16,27,000	56,128	6,747 1,545
Bombard gauge— Great Indian Peninsula (e) Bombay, Baroda and Central India Madras Total	381 586 261 379	1,491 461 840 2,792	3,79,170 1,98,726 2,22,514 8,00,410	254 431 265 287	1,491 461 840 2,792	4,01,000 1,93,000 2,11,000 8,05,000	289 419 251 288	89,51,484 54,29,842 87,89,486 1,81,70,812	1,19,31,000 64,23,000 36,40,000 2,19,94,000	29,79,516 9,93,158 38,23,189	1,49,480
Assisted companies. Assisted companies. And gauge— Delhi-Umballa-Kalka Tarkossur Southern Punjab (Delhi-Samasata).	202 207 278 42	160 22	20,473 4,393	128 200	18,470 162 22 400	38,92,800 24,800 4,400 27,000	211 153 200 68	7,56,35,398 4,22,792 1,10,506	4,93,000 1,08,000 6,58,000	70,208 6, 5 8,000	2,508
ter gauge— Rohilkhand and Kumaon (Co.'s sec.) Bengal Dooars Dibru-Sadiya Ahmedabad-Parantij pēcial gauge—	121 149 198 45	66 36 78 41	6,237 4,485 13,827 1,728	94 125 177 42	66 36 78 55	8,300 7,400 19,600 2,360	126 206 251 42	1,32,471 74,385 2,53,161 (f) 24,046	1,65,000 68,200 2,58,000 62,100	32,529	6,185 161
Darjeeling-Himalayan TOTAL Lines owned by native states and worked by other agencies.	274 147	51 454	14,096 65,239	276 144	51 870	14,000	275 124	2,43,746 12,61,107	2.52,000 20,59,300	9,254 7,98,193	620
landard gauge Bina-Goona Bhopal-Ujjain Nagdá-Ujjain The Nizam's Guaranteed State The Gaekwar's Petiád Rájpura-Bhátinda Kolar Gold-fields letre gauge Yesvantpur-Mysore Frontier section (in-	26 61 60 211 84 122 402	74 114 35 334 13 108 10	1,155 4,010 1,364 66,981 910 9,559 4,049	16 35 39 201 70 89 405	974 114 35 334 13 108 10	1,800 10,200 2,000 63,600 1,000 14,000 4,600	24 89 57 190 77 130 460	37,285 1,18,219 44,059 10,70,822 25,631 2,46,257 60,799	35,100 1,46,000 47,300 12,86,000 18,600 2,36,000	27,781 3.941 2,15,178 5,501	2,185 7,031 10,257
cluding Mysore-Nanjangúd) The Gackwar's Mchaéna Kolhápur Petial gaunes—	84 71 57	66 93 29	7,721 4,325 1,608	117 47 55	66 93 29	4,100 4,900 1,400	62 53 48	1,01,637 1,25,593 39,480	79,800 1,24,000 29,100	***	21,837 1,593 10,380
The Gackwar's Dabhoi Rajpipla Cooch Behar Total Lines owned & worked by n. states.	51 11 54 120	79 19 22 906	8,456 147 1,002 1,06,287	44 8 46 107	79 19 22 996	3,600 100 1,000 1.12.300	46 5 45 113	82,825 548 18,724 19,71,874	82,000 3,700 19,000 21,72,900	8,157 276 2,01,026	825
Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot Jámnagar Dhrángádrá Jodhpore-Bickaneer Oodeypore-Chitor Pecial, gauge— Morvi	97 82 38 62 38	384 46 51 364 60	21,268 3,233 1,713 14,846 1,612	64 70 34 41 130	334 46 54 21 405 60	19,100 3,000 1,800 800 18,300 2,600	57 65 33 38 45 43	6,33,742 64,047 (g)36,056 4,24,179 39,179	7,39,000 62,900 37,100 (h) 4,200 3,98,000 49,000	1,05,258 1,044 4,200 9,821	1,147
GRAND TOTAL (a) Includes the Jammu and Kashmir an	83 75 243		5,409 48,281 40,28,655	58 51 198		5,200 50,800 11,63,700	55 50 195	1,90,091 18,27,294 8,01,95,879	1,45,000 14,35,200 9,20,49,800	14,909 1,07,906 24,53,927	***

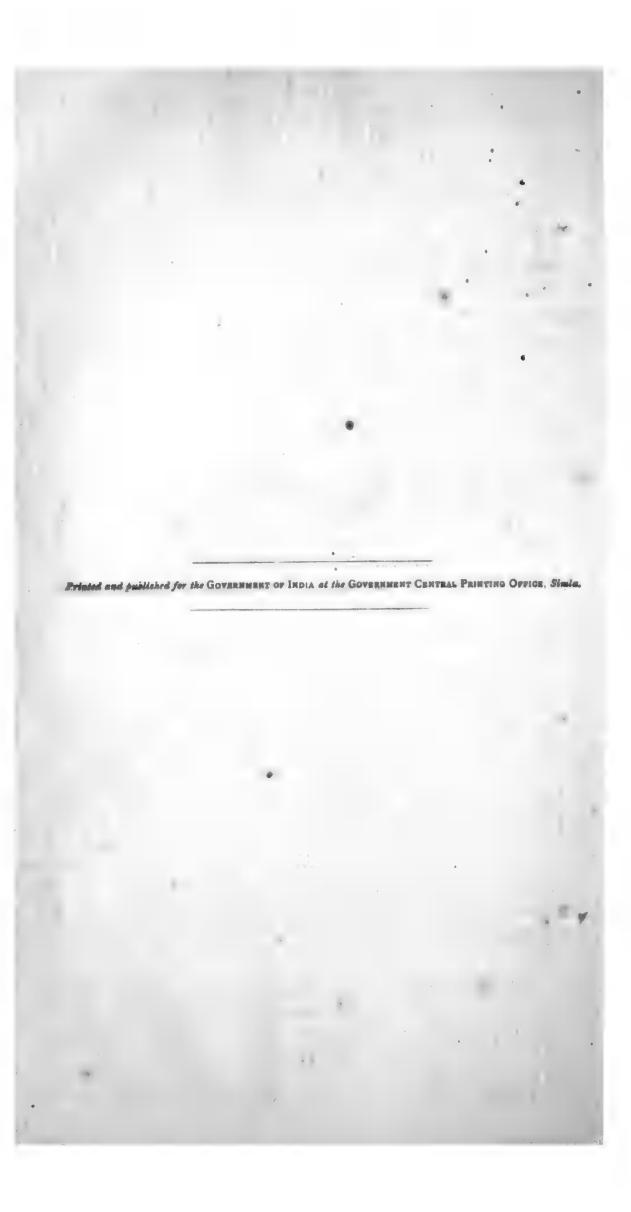
⁴⁾ Includes the Jammu and Kashmir and the Hyderabad-Shadipalli | railways.
5) Closed for traffic.
6) From 1st April to 15th May 1897.
64 From 1st April to 14th May 1898.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From let May to 24th July 1897.

(g) From 8th April to 24th July 1897.

(h) From 1st June to 23rd July 1898.





re Gazette of Andia.

No. 33.}

SIMLA, SATURDAY, AUGUST 13, 1898.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information us the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Encellency the Governor General will in future be published in Part VI of the GAZETTE.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rupees per annum if delivered in Calcutta, or eight Rupees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupees six per annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette or India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, August 6th, 1898.

A considerable part of North-West India, including the Punjab, Rajputana, North Bombay and the Bombay Deccan has been more or less outside the influence of the monsoon currents and has only received scattered showers. In Madras and the central parts of the Peninsula the rainfall has been uncertain, the fall on some days having been fairly general and moderately heavy, while on other days rain has been almost altogether absent. Over the remainder of India, including Burma, Bengal, Assam, the central districts and the west coast districts rain has fallen generally, though in the two last districts the fall has been lighter than usual on several occasions. During the first three days of the week a small depression passed west-north-westward from West Bengal up the Gangetic Plain and broke up in the neighbourhood of Mainpuri, while on the last day of the week a fresh depression appeared over Bihar. Both these storms were feeble, but occasioned a local increase of rain over the regions affected by them. The monsoon has varied slightly from day to day in strength, but on the whole has been slightly stronger than usual both at the head of the Bay and on the Bombay Coast. The wind directions have been nearly normal.

Daily Summary.—Sunday, July 31st.—A large shallow low pressure area overlay West Bengal, the Gangetic Plain and the South Punjab, with a small central area of depression between Allahabad and Benares. The winds were the normal monsoon directions elsewhere. The force was high at the head of the Bay and on the Kathiawar Coast. The heat was much greater than usual in the Carnatic and much less than usual over the Punjab. There had been no rain over the West Punjab, Sind and part of Rajputana, and only a few light scattered showers over the greater part of the Peninsula, but elsewhere the fall

had been general and in places heavy.

Monday, August 1st.—The small depression noticed near Allahabad on July 31st had passed west-north-westward to the neighbourhood of Cawnpore, but otherwise there had been no change of importance in the pressure conditions. Normal monsoon winds prevailed throughout the country, except near the depression, where the directions were feebly cyclonic. The force of the monsoon was about normal on both sides of India. The mean temperature was higher than usual over the Western desert and over Madras, but was below the average elsewhere. The deficiency averaged over 2½° in the North-West Provinces. The rainfall was generally similar to that reported on the preceding day, the fall having been general over Bengal, Assam, the North-West Provinces, the Central Provinces and the North-West Himalayas and light and scattered elsewhere, large tracts of country reporting no rainfall.

Tuesday, August 2nd.—The pressure changes had been slight. The small depression had continued to move west-north-westward and lay near Mainpuri. Pressure was generally low for the time of year—more particularly in the north. The winds were fairly normal with a slight cyclonic circulation over the North-West Provinces. The heat was normal or more or less excessive, except over the Gangetic Plain and part of Burma, where it remained low for the time of year. The excess averaged more than $2\frac{1}{2}$ in Sind, Rajputana and Madras. Showery weather had prevailed over the greater part of the country, and the rainfall amounts were not heavy, except in parts of Burma and of

Madras.

Wednesday, August 3rd.—Pressure had increased everywhere and the depression over the North-West Provinces had filled up. The general conditions of pressure were fairly normal, and the winds blew from the usual monsoon directions. Temperature had fallen fast in Madras. The heat was less than usual across the centre of the Peninsula and over the East Punjab, while it was excessive over the Western desert and the south of the Peninsula and about normal elsewhere. There had been no rain of importance over the Punjab, Rajputana, Sind, Gujarat, Berar, Central India and Khandesh, but elsewhere the weather remained showery with some local heavy downpours.

Thursday, August 4th.—Pressure had decreased over Northern India and had been nearly steady over the Peninsula and Burma. The trough of low pressure over Northern India was moving northward towards the hills and the pressure differences were increasing over India generally, but otherwise there had been little change. Westerly winds were spreading northward into the Gangetic Plain, so that the easterly current had been pushed back to the foot of the hills. The wind was increasing in force and was much stronger than usual at Saugor Island. The mean temperature was excessive over the Western desert and over the south of the Peninsula, was considerably to largely below the normal over the west of the North-West Provinces, over the Central Provinces and over Central Madras and was about the average elsewhere. The rainfall had been generally similar to that recorded on the preceding day and had been light or altogether absent over a large part of North-West India. The fall had been fairly heavy over parts of the west coast and of the Gangetic Plain.

Friday, August 5th.—Pressure had generally decreased—more particularly over the Punjab. Pressure was lowest in the West Punjab, and the trough of relatively low pressure over Northern India was lying along the foot of the hills. Easterly and south-easterly winds had almost disappeared from Northern India, and a massive westerly current prevailed over the greater part of the country. The mean temperature was high over North-West India and the south of the Peninsula, but was generally lower than usual elsewhere. The excess averaged over 2° in the Punjab and over 3° in Sind and Rajputana. The weather had been practically rainless over the greater part of North-West India, the Deccan and Madras, but elsewhere more or less heavy showers had been received.

Saturday, August 6th.—The barometer had fallen over and around the north of the Bay, but had been steady elsewhere. A shallow storm had appeared over Bihar, but elsewhere conditions were unchanged. The winds were generally similar to those reported on the preceding day. The mean temperature was high in North-West India and generally below the normal elsewhere. Rain

had been general over Burma, Assam, Bengal, the east of the North-West Provinces, the Central Provinces and the West Coast, but elsewhere only scattered showers had been received.

Temperature.—Within the area of deficient rainfall in the north-west the mean temperature has been steadily excessive, while over Madras, where the rainfall has been intermittent, the temperature has undergone considerable changes from day to day, but over the remainder of India, where rain has fallen more or less steadily, the heat has been generally less than usual.

. The following table gives temperature data for the past week:

PROVINCE.	JULY 1898.			Augus	эт 1898.			Mean
•	31st	1st	2nd	3rd	4th	5th	6th	of week.
	0	0	0	0	0	0	0	0
Burma . •	+0'2 -1'3 -1'8 -4'6 +0'1 -0'7 0 +0'3 +2'5	+0.5 -1.3 -2.7 -1.9 -0.4 -1.1 -0.8 +1.8 +2.8	-0.3 +0.8 -1.7 -0.2 +0.3 +0.5 0 +2.6 +2.9	-0.1 +0.0 -0.1 +0.2 +1.2 +1.2 +1.2 +0.4	-0.9 +0.9 -0.9 +1.1 -0.4 -0.1 +3.3 +0.5	-0.8 +0.2 -0.5 +2.2 +0.4 -0.6 -1.0 +3.3 +1.3	-0.6 -0.5 -1.2 +2.8 +0.6 -2.5 -0.6 +2.0 +0.9	-0'3 -0'1 -0'1 -0'1 -0'5 -0'2 +2'3 +1'6
Mean for whole of India .	-0.6	-0.3	+0.2	+0.4	+0.5	+0.2	+0.1	+0'2

The mean temperature of the whole country has been about normal on each day of the week. The provincial variations exhibit irregular changes. In Sind and Rajputana and in Madras the mean temperature has been high and in the North-West Provinces it has been low, but over the remainder of India the departures from the average have been small.

Rain.-The rainfall conditions of the week under review have been generally similar to those which have characterised the greater part of the present monsoon period. The rainfall has been relatively light over the west of the Peninsula, light and intermittent over the centre and east of the Peninsula, about normal over the central parts of the country and heavier than usual over parts of Burma, of North-East India and of the Gangetic Plain. This heavier rainfall over Bengal and the North-West Provinces has been due to shallow depressions which have drifted westward from West Bengal through the North-West Provinces and occasioning much ascentional movement in the monsoon current have given heavy rainfall over the districts traversed by them. In the Punjab there was very little rain, except on and near the hills and in the south-east districts. The rainfall returns show that rain fell daily during the week in Tenasserim, Lower Burma, Central Burma and Arakan, but was scattered and light in Upper Burma. In Bengal and Assam as well as in Bihar and the North-West Provinces rain was also of daily occurrence. In the southeast of the Punjab rain fell on the first four days, but in the remaining divisions of the Province only scattered showers were received throughout the week. In the west coast districts rain occurred daily, but generally in small or moderate amounts, while over the central parts of the country rain was received on the first two and last three days of the week, fine to showery weather being experienced in the interval. Gujarat had rain on the first three days and fine weather on the last four days of the week. In Madras scattered showers were received at intervals during the week.

The rainfall table at the close of the summary shows that no rain was received during the week in Sind and Baluchistan and only 5009 inch in South Madras, but that in all the other divisions effective rainfall was received, the

average actual fall ranging from 15'41 inches in Arakan, 11'36 inches in Tenasserim and 10'87 inches in the Bengal Hills, to 0'18 inch in the West Punjab, 0'24 inch in Kathiawar, 0'25 inch in West Rajputana, 0'38 inch in the central division of Madras, 0'54 inch in the Central Punjab and 0'65 inch in the South Punjab. The third column of the table shows that the rainfall of the week was heavier than usual in thirty of the rainfall divisions and lighter than usual in twenty-seven divisions. The region of heavy rainfall relatively to the normal included the following divisions, vis., the Burma divisions, except Upper Burma; the Assam divisions, except the Surma division; the Bengal divisions, except Chota Nagpur and Orissa; the North-West Provinces divisions, except the hills; the South-East and North Punjab; Khandesh; the east and west divisions of the Central Provinces; Gujarat; Central India; the east of Rajputana and the East Coast (Central and South) divisions. Over the remainder of India the rainfall was lighter than usual. The excess was as much as 6'14 inches in Arakan, 4'74 inches in the Bengal Hills, 3'08 inches in Deltaic Burma and over 2 inches in East Bengal, Oudh and the central division of the North-West Provinces. The principal cases of deficiency were over 1 inch in Upper Burma, Orissa, Chota Nagpur, the submontane division of the Punjab and Coorg.

The three concluding columns of the table, which exhibit the condition of the rainfall from the 29th of May to the 6th of August, show, that the total fall has been 20 per cent. or more above the normal in Oudh, in the east and east-submontane divisions of the North-West Provinces, the Central Punjab, the North Punjab, the Bombay Deccan, the East Coast (North) and Hyderabad (South), and has been 20 per cent. or more below the average in Upper Burma, the Surma and Hills divisions of Assam, Orissa, the south-central division of Madras, Coorg, Mysore, Kathiawar, Baluchistan, West Rajputana, the south of the East Coast and the south of Madras. Over the remainder of India the total rainfall for the whole period has been about normal.

The following are the principal large totals recorded during the present week:

	Belin, Thaton			12.95	inches.
	Sandoway			18.97	39
	Cherra Poonjee			16.33	97
	Cox's Bazaar, Chittagong			15'59	33
	Kurseong, Darjeeling			14'21	13
	Jahanabad, Gaya .			10.55	23
	Kamasin, Banda .			12.87	19
	Rurki	• 198	• 0	15.66	11
	Hoshiarpur			4'26	23
	Palampur, Kangra .	٠		7.11	23
	Swabi, Peshawar .	٠		7.80	21
	Chiplun, Ratnagiri .			14.68	9.5
	Bavda, Kolhapur		٠	14734	20
	Sakoli, Bhandara .			8.02	
	Chikli. Surat			8.86	90
	•		٠	11.71	39
					11
				6.03	n 4
ľ				5'39	20
		Sandoway Cherra Poonjee Cox's Bazaar, Chittagong Kurseong, Darjeeling Jahanabad, Gaya Kamasin, Banda Rurki Hoshiarpur Palampur, Kangra Swabi, Peshawar Chiplun, Ratnagiri Bavda, Kolhapur Sakoli, Bhandara Chikli, Surat Bhopal Rajgarh, Alwar	Sandoway Cherra Poonjee Cox's Bazaar, Chittagong Kurseong, Darjeeling Jahanabad, Gaya Kamasin, Banda Rurki Hoshiarpur Palampur, Kangra Swabi, Peshawar Chiplun, Ratnagiri Bavda, Kolhapur Sakoli, Bhandara Chikli, Surat Bhopal Rajgarh, Alwar Congeeveram, Chingleput	Sandoway Cherra Poonjee Cox's Bazaar, Chittagong Kurseong, Darjeeling Jahanabad, Gaya Kamasin, Banda Rurki Hoshiarpur Palampur, Kangra Swabi, Peshawar Chiplun, Ratnagiri Bavda, Kolhapur Sakoli, Bhandara Chikli, Surat Bhopal Rajgarh, Alwar Congeeveram, Chingleput	Sandoway 18.97 Cherra Poonjee 16.33 Cox's Bazaar, Chittagong 15.59 Kurseong, Darjeeling 14.21 Jahanabad, Gaya 10.55 Kamasin, Banda 12.87 Rurki 15.66 Hoshiarpur 4.26 Palampur, Kangra 7.11 Swabi, Peshawar 7.80 Chiplun, Ratnagiri 14.68 Bavda, Kolhapur 14.34 Sakoli, Bhandara 8.92 Chikli, Surat 8.86 Bhopal 11.71 Rajgarh, Alwar 7.73 Congeeveram, Chingleput 6.02

*	,		L DATA FOR WE AUGUST STH, 1		RAINFALL	DATA FROM M. UGUST OTH, 18	AY 39 TH TO 98.
PROVINCE,	DIVISION.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect in inches.	Average actual rainfall of season to date.	Average normal rainfall, May 20th to August 6th,	Excess or de fect of (sea- sonal) rain- fall expresse as a per- centage.
•		Inches.	Inches.	Inches,	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic	11.36 7.95 3.81 0.82 15.41	9'40 4'87 3'41 2'52 9'27	+ 1'96 + 3'08 + 0'40 - 1'70 + 6'14	81.72 53.05 28.70 12.09 107.89	98.54 48.13 30.15 22.99 113.93	- 17 + 10 - 5 - 47 - 5
Bengal and Assam .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North *do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	7'68 4'08 7'06 4'33 3'44 4'11 4'43 10'87 1'12 2'37 4'58 3'32	5'09 4'31 5'89 2'54 3'38 3'36 3'31 6'13 2'84 4'01 3'30 2'55	+ 2'59 - 0'23 + 1'17 + 1'79 + 0'06 + 0'75 + 1'12 + 4'74 - 1'72 - 1'64 + 1'28 + 0'77	44'81 40'58 56'61 34'15 25'28 26'82 45'01 63'24 18'15 28'38 22'54 21'53	43'23 53'50 70'56 34'42 25'60 25'43 46'04 69'72 23'73 24'30 20'07 23'03	+ 4 - 24 - 20 - 1 + 5 - 2 - 9 - 24 + 12 - 7
North-Western Provinces and Oude.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	4'24 4'79 4'31 5'50 3'92 2'94 4'91 2'89	3.09 2.79 2.17 3.23 2.07 2.70 3.37 3.15	+ 1'15 + 2'00 + 2'14 + 2'28 + 1'85 + 0'24 + 1'54 - 0'26	24'19 21'59 24'02 18'47 10'82 24'41 19'45 25'28	17.89 16.62 18.20 16.24 12.36 19.59 21.44 21.77	+ 35 + 30 + 32 + 14 - 12 + 25 - 8 + 16
Punjab	26. South-Bast Punjab 27. South do. 28. Central do. 29. Punjab Submontane 30. Do. Hills 31. North Punjab 32. West do.	2'75 0'65 0'54 1'32 5'13 1'57 0'18	1'57 1'12 1'49 2'42 5'99 1'06 0'64	+ 1'18 - 0'47 - 0'95 - 1'10 - 0'86 + 0'51 - 0'46	9'93 7'48 8'95 15'08 29'13 9'14 3'40	11:12 7:17 7:40 13:41 32:72 6:02 3:58	- 11 + 4 + 21 + 12 - 11 + 52 - 5
Bombay and Malabar) Coast Districts (Madras).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	4'21 0'62 6'15 0'91 6'26 1'20	4.71 1.40 7.47 1.30 7.02 1.28	- 0'50 - 0'78 - 1'32 - 0'39 - 0'76 - 0'08	67'99 7'89 57'34 9'58 85'51 18'21	71 04 12'56 73'48 13'66 74'89 14'05	- 4 - 37 - 22 - 30 + 14 + 29 + 8
CENTRAL PROVINCES AND BERAR.	41. Berar	1.10 2.41 3.66 3.00	1.88 2.16 3.88 2.85	- 0.69 + 0.52 - 0.53 + 0.51	17.58 23.09 33.55 26.31	20'03 21'42 28'80 26'48	- 12 + 8 + 16 - 1
Sonbay (Norte) .	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	4'34 0'24 0	2.63 1.15 0.62 0.29	+ 1'71 - 0'91 - 0'62 - 0'29	29'44 8'45 3'56 0'52	26 ² 9 12 ⁴ 3 3 ¹ 3	+ 12 - 32 + 14 - 62
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Central India West. 51. West Rajputana	3'75 2'34	2.16	+ 0.21	21°72 12°92	21'43	+ 1 - 13
Madras	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0'25 0'71 2'40 0'97 0'38 0'96 1'31 0'09	1°15 2°66 0°99 0°55 0°59 1°20	- 0'45 - 0'26 - 0'02 - 0'17 + 0'37 + 0'11 - 0'31	4'97 16'66 17'70 14'27 5'53 8'10 4'98 1'71	6'74 12'13 28 19 10'76 6 80 7'26 6'23 2'68	- 26 + 37 - 37 + 33 - 19 + 13 - 20 - 36

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras. - For week ending 6th August. - The rainfall was good on the West Coast, the southern part of the Circars and the Carnatic, except Nellore; and light showers or no rain elsewhere. The water-supply under large rivers is good and in wells generally so, but the latter is getting low in parts of the Deccan and Central districts. Agricultural operations are progressing satisfactorily in the Circars, parts of the Deccan and Carnatic and on the West Coast; elsewhere they are retarded by the want of rain. The standing crops are good in the Circars and on the West Coast, and fair in parts of the Carnatic and the Deccan; elsewhere, except where they are under irrigation, they are suffering severely. Pasturage has improved in some parts after the recent rainfall, but fodder is generally scarce. Cattle is generally in normal condition. Prices are generally dearer, except in the Circars and in Bellary and Kurnool, where they are slightly easier; at Madras prices are stationary. The numbers on relief in Nellore were:—workers—235 men, 217 women, 92 children; total 544. Dependants—fed at kitchens—one woman and 28 children. Grand total 573. The decline in the numbers on relief is attributed to the lowness of the wage. Loans disbursed during the week Rs. 860.

Bombay.—For week ending 10th August.—There was rain in all districts of the Presidency Proper; the fall was good in the Konkan, Surat, and in parts of Belgaum; elsewhere it was moderate or slight. More rain is wanted throughout Bijapur, in two talukas of Sholapur, two of Belgaum, one of Ahmednagar, one of Nasik, and in parts of Dharwar. The standing crops are withering in three talukas of Bijapur and one of Dharwar, have been damaged by locusts in three of Belgaum and one of Shikarpur; and by blight in one of Bijapur. The sowing of early crops is progressing in thirteen, and transplantation in six districts. Preparations for the late crops continue in Nasik and Sholapur. Fodder is sufficient. Agricultural stock is healthy. Prices have fallen in ten and risen in two districts. The price of jowari in Sholapur was-1640 seers per rupee. The average number of relief workers was—Sholapur—13,914, of whom 4,316 are men, 7,647 women, and 1,951 children. On gratuitous relief—Sholapur—5,435, of whom 2,285 are men, 2,183 women, and 967 children. On test works-Poona-2,250, of whom 859 are men, 1,117 women, and 274 children.

Bengal.-For week ending 8th August .- There was general rain during the week, though not in all cases sufficient. More rain is still required in several districts for the transplantation of the winter rice seedlings. The prospects of early rice and jute and of other autumn crops are generally favourable. Sugarcane and indigo crops are promising and early rice and jute are being harvested in parts. The price of rice is still practically stationary. There is no want of fodder.

North-Western Provinces and Oudh.—For week ending 10th August.— The rainfall during the week has been general and sufficient, except in Ballia, where more is said to be needed for rice sowing. The autumn crops are flourishing and sowing, transplanting, and weeding of rice continue. Sugarcane is thriving and indigo being cut in places. Prospects are good; markets are well stocked and fodder is sufficient. Prices are stationary or falling.

Punjab.—For week ending 10th August.—Rain, ranging from \$ to 3\frac{3}{2} inches, has fallen in all districts, except Mooltan, Amritsar, Sialkot, and Dera Ismail Khan; a slight fall is also reported from Jullundur. Sowings of

autumn crops are mostly completed, but are still in progress in some districts. The condition and prospects of the standing crops are generally good. More rain is urgently wanted in the Hissar and Dera Ismail Khan districts. Cattle are generally in good condition and fodder is sufficient throughout the Province. Prices, especially of wheat, are steady in Hissar, Mooltan, Shahpur, and Dera Ismail Khan; are falling in Peshawar and are rising elsewhere. Wheat is selling from 16 to 24, gram 20 to 23, barley 30 to 32, bulrush-millet 16 to 25, maize 16 to 28 and great millet 19 seers per rupee.

Central Provinces.—For week ending 10th August.—The rainfall was heavy in Damoh, Bilaspur, and Sambalpur; moderate in Hoshangabad, Nagpur, Bhandara, and Balaghat; and light in the other districts. A break is very much needed in Saugor, Mandla, and in parts of Betul, where it is reported that' the crops are becoming sickly owing to the excessive saturation of the ground; while more rain is wanted for the rice crops in parts of Nimar, Chhindwara, and Bilaspur. Sowings of autumn crops have not yet been completed. Transplantation of rice and weeding continue, but the latter operation is retarded in Narsinghpur, owing to excessive rain. The prospects of standing crops are on the whole good, but slight damage by insects and excessive moisture is reported from parts. Preparation of land for winter sowings continues in places. Prices are generally steady with a downward tendency. The cheapest prices are—wheat 17, gram 32, rice 16, and juar 25 seers per supee. Balaghat is the only district where wheat is selling under 12 seers per rupee and in two districts, namely, Narsinghpur and Betul, rice is selling under 10 seers per rupee.

Burma.—For week ending 6th August.—In Lower Burma ploughing, sowing, and transplanting are in progress. The destruction of young plants by excessive rain is reported from one locality, but this is unimportant so early in the season. In Upper Burma rain is reported insufficient in parts of Thayetmyo, Mandalay, the Ruby Mines district, Lower Chindwin, Meiktila, Yamethin, and Magwe; and serious failure is anticipated in parts of Shwebo where the rainfall has been almost nil for the week and much below normal for the year. General prospects in most districts are however not unfavourable. price of paddy has risen slightly in Rangoon and Thatôn; and considerably in Shwebo; and has fallen slightly in Thayetmyo and Pakôkku; elsewhere it is stationary.

Assam.—For week ending 9th August.—The weather continues hot. More rain is wanted in Sylhet. Reaping of early and transplanting of late rice continue. Prospects of early rice are good in Sylhet, Goalpara and Lakhimpur; and fair in other districts. The condition of sugarcane is fair and jute promises well. The prospects of tea are generally good. Prices—common rice—Silchar 10\frac{1}{2} to 10\frac{1}{2}, Sylhet and Sibsagar 10; Dhubri 12; Gauhati 11; Nowgong 8 and Dibrugarh 9 seers per rupee.

Mysore and Coorg.—For week ending 10th August.—MYSORE: Rainfall 26 cents in Civil and Military Station and good rain in Kadur and Shimoga and in parts of Kolar. Prospects are generally good, but more rain is much needed in parts. Prices have slightly risen in Bangalore, Tumkur and Mysore. Ragi (Eleusine coracana) has been sown in four districts.

Coorg: Rainfall 8 inches 18 cents. Transplanting of rice continues. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 10th August.—BERAR: The weather continues cool and cloudy. The monsoon crops are making satisfactory progress. Sowings are almost completed. The fodder and water-supply are adequate. Prices have fallen in Buldana and are stationary elsewhere.

HYDERABAD: Rainfall during the week one inch 25 cents. The autumn crops are in good condition. Rice sowing is progressing. Prices of food-grains are falling in parts. Agricultural prospects are good throughout except in Lingsagar where more rain is wanted. Prices—wheat 71, coarse rice 71 and jowar: 143 seers per current sicca rupee.

Central India.—For week ending 10th August.—Rain fell throughous Central India during the week, but more is still wanted in the northern portion of the Malwa Agency. Agricultural operations are in progress everywhere and the standing crops, agricultural stock and pasturage are in good condition. Prices are slightly rising in Bundelkhand and are steady elsewhere.

Rajputana.—For week ending 10th August.—Rain fell averaging from one inch to 7 inches in nine States; below one inch and slight elsewhere, except in Sirohi and Marwar, where there was no rain. Agricultural operations are generally satisfactory. The condition of the crops is generally good but they are suffering in parts of Meywar for want of rain, which is much needed there and in Haraoti and Jaisalmere perganahs. Slight damage by locusts is reported in five tehsils of Ulwar and they are still lingering throughout Jaisalmere. Agricultural stock is generally in good condition. Pasturage or fodder is generally ample, but is scarce in parts of Meywar, Haraoti, and Jaisalmere. Prices are rising in three States; falling in three and are steady elsewhere.

Kashmir.—For week ending oth August.—The weather is clear. The crops are still being reaped. The standing autumn crops are in good condition. Prices are normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 10th August.—There was slight rain during the week. Prices are stationary. Sowings for the autumn crops are in progress. The condition of the standing crops is good. Fodder is sufficient. Maize—20 seers per rupee.

Nepal.—For week ending 6th August.—Rainfall 3.35 inches. The weather is seasonable. Crops are doing well.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

			Pa	ECEDING WEI	K.	P	RESENT WEEK	š.	Increase
NAME (PROVINCE	l.	Relief works.	Gratuitous relief.	TOTAL	Relief works.	Gratuitous relief.	TOTAL.	or decrease.
Madras	q d		667	40	707	544	29	573	- 134
Bombay			14,498	4,997	19,495	16,164	5/435	21,599	+ 2,104
	TOTAL		15,165	5,037	20,202	16,708	5,464	22,172	+ 1,970

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Nors.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons

Name of Province and	FOR T.	HE WEEK	ending y 1898.	FOR T	HE WEEK	ending r=1898.	FOR THE	HE WEEK 30TH JUI	ENDING LY 1898.	For Ti	is week	ENDING ST 1898.
District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
Madras.	821	20	841	783	19	802	665	28	693	667	40	707
TOTAL MADRAS .	821	20	841	7 9 3	19	802	665	28	693	667	40	707
Bombay. Sholapur	12,729	3,998	16,727	13,826	4,498	18,324	14,557	4,834	19,391	13,896	4,997	18,893
Poona	2,124		2,124	2,339	•••	2,339	2-454	404	2,454	2,273	***	2,273
TOTAL BOMBAY .	14.853	3,998	18,851	16,165	4,498	20,663	17,011	4,834	21,845	16,169	4,997	21,166
GRAND TOTAL FOR ALL PROVINCES.	15,674	4,018	19,692	16,948	4,517	21,465	17,676	4,862	22,538	16,836	5,037	21,873

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, ally show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

Dated 12th August, 1898.

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST TO 31ST JULY 1897, AND FROM 1ST TO 30TH JULY 1898. N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

-		Average earnings		ENDING 31	ST		ENDING 30 ULY 1898.)TH	Earnings	Earnings	19	
		por mile por week during		Earning		1	Earning		from let to 3let	from 1st to 30th	Increase.	Decrease
	BALLWAY	the	Mean mileage worked.	TOTAL.	Per mile open.	Mean mileuge worked.	TOTAL.	Per mile open.	July 1897.	July 1898.		
	State Lines worked by companies.	Rs.	Miles.	Rs.	Rn.	Milen.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.
200	Handard gauge— East Indian	629	1,737 125	10,03,120 15,606	578 125	1,740 125	10,46,000 21,500	601 172	44,68,491 70,702	45,40,000 71,800	71,509	644
	Bengal Central Bengal-Núgpur Indian Midland (including Bhopal-Itársi)	210 116 145	862 752	83,908 1,02,494	97 136	962 800	81,000 95,900	84 120	4,02,992 5,02,077	8,46,000 4,02,000	***	56,999
E.	Bezwada Extn. (East Coast State). Madras-Ennur sec. (Beswada-Mad.)	150 183	21	3,901 1,317	186 146	21 9	2,900 600	188	14,502 4,889	12,500 -3,400	800	2,0/2 1,433
1	Metre gauge— Rajputana-Malwa (including Godbra-		4 015	2.89,630	160	1,815	3,01,000	166	14,23,277	14,70,000	46,723	Bri
	Rutlam-Núgdá)	196 41	1,815	489 1,67,348	29	1,042	600 1,55,000	35 149	2,209 7,76,442	2,700 6,90,000	491	86.449
	South Indian Mayavaram-Mutupet	168 95	1,042 54	4,747	88	54	4,200	78	24,811	21,800		3,511
	Southern Mahratta (including Guntakal- Mysore Frontier section) Mysore section (Southern Mahratta)	110 127	1,165 296	1,56,238 43,801	134 148	1,165 296	98,100 23,800	84 80	7,28,503 1,83,750	4,74,000 1,16,000	***	2,54,500 67,750
16	Bengal and North-Western (including Tirhoot section)	126	815	1,05,780	130	924	1,28,000	139	4,58,882	5,40,000	81,118 14,895	811
	Lucknow-Bareilly	67	200 238	11,902 9,658	60	200 293	14,700 25,300	74 86	48,205 41,230	63,100 98,900	\$7,670 83,322	401
	Burma Total	153 220	10,036	1,17,692	133 211	936	1,49,000 21,47,600	159 207	5.42,678 96,93,590	6,26,000 94,77,700	O-1344	2,15,90
	State Lines worked by the State.				204	0.00	r 00 000	207	24,77,181	27,17,000	2,39,819	
	North Western (a) Oudh and Robilkhand (including the		2,885	5,59,363	194	2,885	5,96,000 1,64,000	162	5,99,760	7,25,000	1,25,240	-
	metre gauge link) Eastern Bengal (incldg. metre & 2',6") East Coast	177 411 304	875 817 588	1,13,281 2,18,079 69,021	129 304 128	1,013 818 538	2,44.000 45,400	298	9,04,808 2,57,182	8,93,000 1,87,000	***	11,80 70,13
	Special gauges-	67	25	1,966	79	25	2,400	96	8,068	9,100	1,082	
	Jorhat Chorra-Companyganj Total	243	5,140	9,91,710	193	5,279	10,51,800	199	42,46,999	(h) 45,31,100	2,84,101	***
	Lines worked by guaranteed cos. Standard gauge—				-				20.07.270	30 00 000		15,18
	Great Indian Peninsula (c) Bombay, Baroda and Contral India	329 507	1,491 461	4,16,118 2,26,137	279 - 491	461	4,27,000 2,11,000	286 458	19,05,153 10,45,817	18,90,000 9,44.000 9,56,000	***	1,01,00
	Medras	$\frac{260}{337}$	2,792	2,36,869 8,79,124	282	7	2,20,000 8,58,000	307	10,25,085 39,75,555	87,90,000	***	1,85,55
	TOTAL (GUARANTEED AND STATE) Assisted companies.	250	17,968	39,88,468	222	18,470	40,57,400	220	1,79,16,144	1,77,98,800		1,17,39
	Btandard gauge— Dolhi-Umballa-Kalka	212	160	25,598	160		22,100	136	1,00,726	97,9 0 0 21,600	***	2,52 2,54
	Tarkessur Southern Punjab (Delhi-Samasata)	232 35	22	4,815	220	400	4,600 29,200		24,445	1,25,000	1,25,000	***
	Metre gauge— Robilkhand and Kumaon (Co.'s sec.)	126		6,219 4,907	94				29,685 20,895	34,000 23,100	4,315 2,205	
	Bengal Dooars	184	78	14,173 1,895	182	78		272	61,485 9,550	75,700 11,200	14,215	
	Special gauge— Darjooling-Himalayan	300	1	13,450					67,103		1	7,10
	Lines owned by native states and	. 159		71,022					3,13,889		1,84,611	
	worked by other agencies. Standard gauge -										-	
	Bina-Goona Bhopal-Ujjain	. 21					7,800	64	5,762 21,665	37,500	15,883	3 111
	Nágdá-Ujjain The Nizam's guaranteed state	213					44,400	133		2,75,000	***	9,4
	The Gackwar's Petlad	100	108	9,559	89	108	12,800	119	42,829	52,100	9,771	
	Kolar Gold-fields	423	3 10	3,490	3 349	10	4,600	460	17,429	19,000	1,571	
	Yesvantpur-Mysore Frontier section (in cluding Mysore-Nanjangud).	. 93		6,49	3 99						1,54	13,9
	The Gackwar's Mehsana . Kolhapur .	. 64										3,1
	Special gauges— The Gaekwar's Dabhol Bejpipla	44										
	Cooch Bohar	111	4 22	33	1 1	5 2	2 70	0 32	1,719	3,10		
	Lines owned & worked by n. states Metre gauge—		990	1,01,21	10	2 300	50,00		3,00,001	3,10,00		
1	Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot	. 8									0	15,1 1,8
	Jámnagar	. 8	9 5	1,68	3 3	3 5	1,60	0 30	7,70			0 6,4
	Jodhpur-Bickaneer Oodeypore-Chitor	5 3				7 40	17,10	0 42	95,878			0
	Special gauge— Morvi	. 9							26,539	24.00		2.8
	GRAND TOTAL	23	945	50,49	5	3 1,01-	AND DESCRIPTION OF THE PARTY OF	-	the contract of the contract o	AND ADDRESS OF THE PARTY OF THE		The second secon
			20,000	,=0,11,00	20	1 1100	1 -0,00,000	102	1,35,50,50	1	1	1

 ⁽a) Includes the Jummu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khang and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XVI of 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

•	Average		K ENDING	31aT		ENDING S	30TH	77			
Bailway.	earnings per mile		Earnin	gu.		Earning	ga.	from 1st April to	Farnings from 1st April to	Increase.	Decrease
	per week in 1897-98.	Mean mileage worked.	TOTAL.	Per mile open.	Mean mileage worked.		Per mile open.	3 lat July 1897.	30th July 1898.	110101000	
State lines rked by companies. Standard gauge East Indian Bengal Contral Bengal-Magpur	Re. 654 183 139	Miles. 1,737 125 862	Rs. 10,03,120 15,606 83,908	Rs. 578 125 97	Miles. 1,740 125 962	Re. 10,46,000 21,500 81,000	Ra. 601 172 84	Re. 1,93,39,272 2,95,778 20,59,917	Rs. 2,00,54,000 3,39,000 24,71,000	Re. 7,14,728 34,222 4,11,083	Re.
Indian Midland (including Bhopal-Itarsi) Bozwada Extn. (East Coast State). Madras-Ennur soc. (Bezwada-Mad.) Metre gauge— Raputana-Malwa (including Godhra-	155 155 185	752 21 9	1,02,494 3,904 1,317	136 186 146	800 21 9	95,900 2,900 600	120 138 67	21,30,507 49,126 21,226	22,60,000 66,100 16,100	1,29,498	5,120
Rutlam-Nágdá) Pálanpur-Deesa South Indian Máyavaram-Mutupet Southern Mahratta (including Guntakal-	210 44 166 92	1,815 17 1,042 54	2,89,630 489 1,67,348 4,747	160 29 161 88	1,815 17 1,042 54	3,01,000 600 1,55,000 4,200	166 35 149 78	66,03,295 16,336 32,26,645 95,872	84,59,000 12,600 30,20,000 89,500	18,55,705	3,736 2,06,645 6,372
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	113 123	1,165 296	1,56,288 43,801	134 148	1,165 296	98,100 23,800	84 80	28,64,808 6,96,400	21,91,000 5,24,000		6,73,808 1,72,400
Tirhoot section) Lucknow-Bareilly Assam-Bengal Burms TOTAL	147 81 73 186 243	815 200 238 888 10,036	1,05,780 11,902 9,658 1,17,692 21,17,634	130 60 41 133 211	924 200 293 936 10,399	1,28,000 14,700 25,800 1,49,000 21,47,600	139 74 86 159 207	22,99,526 3,10,505 2,85,038 28,01,992 4,30,96,243	24,02,000 3,91,000 4,29,000 28,53,000 4,55,68,300	1,02,474 80,495 1,43,962 51,008 24,72,057	010 000 000
State lines worked by the State. tandard gauge— North Western (a) Oudh and Rohilkhand (including the	286	2,885	5,59,863	194	2,885	5,96,000	207	96,85,298	1,42,12,000	45,26,702	444
metre gauge link). Eastern Bengal (incldg. metre & 2'6") East Coast pecial gauges—	195 362 106	875 817 538	1,13,281 2,48,079 09,021	129 304 128	1,018 818 538	1,64,000 2,44,000 45,400	162 298 84	30,21,110 37,87,328 9,45,893	35,99,000 38,53,000 9,80,000	5,77,890 65,672 34,107	900 000
Jorhat Cherra-Companyganj Total Lines worked by guaranteed cos.	69 44 235	5,140	9,91,710	193	5,279	2,400 (b) 10,51,800	199	35,313 (c) 2,945 1,74,77,887	29,000 (d) 1,400 2,26,74,400	51,96,513	6,313 1,543
Great Indian Poninsula (c) Bombay, Baroda and Central India Madras	381 586 261	1,491 461 840 2,792	4,16,118 2,26,187 2,36,869 8,79,124	279 491 282	1,491 461 840 2,792	4,27,000 2,11,000 2,20,000 8,58,000	286 458 262 307	93,67,602 56,55,979 40,26,355 1,90,49,936	1,23,58,000 66,84,000 38,60,000 2,29,02,000	29,90,398 10,28,021 38,52,064	1,66,35
TOTAL (GUARANTERD AND STATE) Assisted companies.	262	17,968	39,88,465	222	18,470	40,57,400	220	7,96,24,066		1,15,20,63	-
andard gauge— Delhi-Umballa-Kalka Tarkesaur Southern Punjab (Delhi-Samásata)	207 278 42	160 22	25,588 4,845	160 220	162 22 400	22,100 4,600 20,200	136 209 72	4,48,325 1,15,351	5,17,000 1,12,000 6, 88,000	68,675 6,88,000	3,351
etre gange— Rohilkhand and Kumaon (Co.'s sec.) Rongal Docars Dibru-Sadiya Ahmodabad-Parántij pecial gange—	121 149 198 45	66 36 78 41	6,219 4,907 14,178 1,895	94 136 182 46	66 36 78 55	7,200 6,200 21,200 2,200	109 172 272 40	1,38,690 79,292 2,67,334 (f) 25,941	1,73,000 74,400 2,74,000 63,500	34,310 6,666 37,559	4,892
Darjooling-Himalayan Total Lines owned by native states and worked by other agencies.	147	454	18,450 71,022	264 156	51 870	14,000	275 123	2.57,196 13,32,129	2,66,000 21,67,900	8,804 3,85,771	***
landard gauge— Bina-Goona Bhopal-Ujjain Nágdá-Ujjain Tha Nizam's Guaranteed State The Gackwar's Potlád Rájpura-Bhátinda Kolar Gold-fiolds [stre gauge—	26 61 60 211 84 122 402	74 114 95 834 13 108 10	1,422 3,739 1,841 62,314 882 9,559 3,493	19 33 53 187 68 89 349	74 114 35 834 13 108 10	1,800 7,300 1,900 44,400 1,100 12,800 4,600	24 64 54 133 85 119 460	38,707 1,21,958 45,900 11,33,136 26,513 2,55,816 64,292	36,700 1,52,000 51,200 13,31,000 19,700 2,49,000 70,900	30,042 5,300 1,97,864	2,007 6,813 6,816
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangiid) The Gackwar's Mehsans Kolhápur Decid gauges	84 71 57	66 93 29	6,498 4,469 2,211	98 48 76	66 93 29	4,300 4,900 1,200	65 53 41	1,08,130 1,30,062 41,691	84,600 1,28,000 30,200	000 000	23,530 2,062 11,491
The Gackwar's Dabhoi Rajpipla Cooch Behar	51 11 54 120	79 19 22 993	4,078 385 331 1,01,217	52 20 15	79 19 22	8,400 100 700 88,500	43 5 32	86,903 928 19,055 20,73,091	84,300 4,000 19,900 22,61,500	8,072 845 1,88,409	2,603
Lines owned & worked by n. states. lette gauge— Bhavnagar-Gondal-Junagad-Porbandar Jetalsar-Rajkot Jamnagar	97 82 38	884 46 51	24,565 3,066 1,683	74 67 83	384 46 54	20,900 2,700	63 59	6,58,307 67,113	7,60,000 65,600	1,01,693	1,518
Dhrangadra Jodhnore-Bickaueer Oodey pore-Chitor pecial gauge —	62 38	364 60	13,606 1,883	87 81	54 21 405 60	1,600 1,100 17,100 2,500	30 52 42 42	(g) 37,739 4,37,785 41,062	38,700 (h) 5,300 4,22,000 51,700	5,300 10,638	15,785
Morvi Total .	83 75 243	949 949 20,307	5,691 50,494 42,11,201	61 53 207	94 1,014 21,350	51,000 43,03,600	54 50 202	1,35,782 13,77,788 8,44,07,074	1,51,001 14,94,300 9,70,68,400	15,218 1 16,512 1,26,61,326	910

⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
(b) Closed for traffic.
(c) From 1st April to 15th May 1897.
(d) From 1st April to 14th May 1898.

⁽e) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From 1st-May to 31st July 1897.

(g) From 3th April to 31st July 1897.

(h) From 1st June to 30th July 1898.

W. J. McELHINNY, Capt., R.E.,

eblished for the Government or India at the Government Central Printing Office, Simla.



The Gazette of India.

No. 34.} CALCUTTA, SATURDAY, AUGUST 20, 1898.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDEA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rubees for annum if delivered in Calcutta, or eight Rupees for sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupees six per annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette or India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 1st HALF OF JULY 1897 AND 1898

Districts.		SKED.	HUSK		WH	BAT.	FLOUR (WHEAT).	BAR	LRY.	JAW	AR.
Districts	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.
Berma—												
Tenasserim-												
Mergui	18'7	20'4	39'1	42'5 42'5	***	***	00+	***	***	***	***	000
Moulmein and Amherst	17	25.2	42°5 59°5	68	000	000	000	990	101	100	000	141
Pogu (deltaic)-	.6.66	i a usa		Color		004				-		
Rangoon Thongwa Bassein	16.66	23.8	41'99 51 51	60°35 68 68	72,5	88*4	***	00>	000 000	***	000 434 000	944
Pegu (inland)— Fleazada	14'79	23°29 19'55	41'14 54'4	54'4 54'4	984	***	949	000	900 000	004	400	000
Upper Burme- Mandalay	18 02	21.20	53'04	61.71	39'95	67.66	do v	981	440	*84	100	•••
Bamo	11,02	***	55'25	0 0 0	***	940	***	401	988	100	600	400
Pakôkku	19'55	25'5	42.2	68			001	***	994	000	13.6	27.3
Arakan-												
Kyaukpyu		22.02	37°4 43'52	42'5 46'07	000	***	000	600	040	***	***	400
Assess—					4							
Brahmaputra-												
0 - 5 - 2	16.32	35	40	57 '5	***	000	***	000	004	***	000	***
engal-												
Eastern—Chittagong		000	3 5	44'37	31'87	59	980	000	17'5	000	***	000
Deltaic-												
Midnaper	944	200	32'5	38*75	100	610	400	991	44+	040	***	***
Calcutta		000	35	53.75	32'5	43'75	441	400	23'75	36.52	22.2	37.5
	0 000	***	33'12 35	47°5 48°44	33'75	44'37 42'5	840	500	000	***	***	601
Northern-		800	40	38,13	40	55	600		100	des	000	901
Orisea— Cuttack	9 691	007	\$9.00	38.12	38.13	49'37	501	***	660	e db	849	***
Binder, south-												
Patna	. 000	804	28.75	46'25	\$2'19	38.75	***	000	17'19	39.2	18,13	***
Bihár, north— Bhágalpur Muzaffarpur	0 000	000	38°91	51'87 53'44	26°25 26°67	41'25 43'23	888	000	16°72 17'34	33'75 36'25	900	000

NW. Provinces—												
Benares	. 82'93	38.20	37.66	59.6	27.66	44'43	30'57	51'8	18:28	36.67	000	45'4
Th. 1 "	21'35	37'19	33'33 39'06	50 61°56	25 27'6	40'52 43'28	28·59 32·45	47'08 50'78	17°03 16'46	36.7	16.46	40
Western-					25	38.13						
A	0 000	900	47'5	49'37	27.2	43,03	0.00	990	16'25	33'28	18'12	40
Submontane, west-	g 900	***	9/ 3	***	22'55	40	900	000	14'69	33.33	001	000
ndh—												·
Service Lucknow	20°78		37°13	51'38	25.78	42'66	30°78	46*87	15.83	35.25	19 . 00	689
Northern-												
Fyzabad	19:11	100	***	000	25'47	41'56	•••	100	17'03	26:15	17'03	804

The figures under "Rice, busked" represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

BAJRA.		RA	RAGI.		MAIZE.		GRAM.		ARHAR DÁL.		AT.	DISTRICTS,
198.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898.	1897.	1898,	1897.	D101 R101 8q
												Burma—
									1			Tengsserim—
	***	911			400		***		***	400	001	Mergui.
000	***	***	***	610		000	***	***		640	***	Tavoy.
	111	u + +	***	***	***	***	***	483	***	960	* ***	Moulmein and Amherst.
									1		000	Pegu (deltaic) Ranguon.
000	***	166	***	001		53'55	57.8	***	500	000	***	Thôngwa.
***	994		***	•••	100			***	200	***	***	Bassein.
	1									044	040	Pagu (inland)— Henzada.
***	901	***	***	***	804	***	***	***	040	gas.	001	Toungoo.
			***									Upper Burma-
***	801		400	***	-	38.08	57'29	***	***	***	001	Mandelay.
899	***			040	004	944	***	***	100		***	Bamo.
		***	619	***	***		441	*10	***		***	Pakókku,
687	000		***		***							Arakan—
449	800	101	680		148		260	***	***		150	Kyaukpyu.
140	005		100	•••	***	***	999	***	***	***	000	Akyab.
												A
	•											Assam-
		940			***	v61	***	049	***	460	103	Goálpára.
600	801	***	104		100	**	407	***	010	***	***	Gauhati.
												Bengal-
												Eastern-
***	***	661	***			40 27.5	50 45	37.5	50	400	380 350	Chittagong. Dacca.
4.04	***	860	600		***	-/3	70	3, 3	9-		99.7	Deltaic-
000	494	440	401	041	141	***	***	401	444	400	320	Midnapue.
27'5	45	100	000	80	37'5	25	38 75	32.2	3.5	340	300	Calcutta.
												Central-
009	950	***	460	001	***	26'25 25'31	40'62	31.87	52°5 46°56	340 450	200 270	Bardwan. Pabna.
800	649	***	000			0.01						Northern-
090	200	949	485	20	40	30	40	50	50	420	300	Rangpur.
												Orissa-
800	***	991	***	200	000	26'56	32.07	23'44	36.87	340	305	Cuttack.
							.04		A - 11 -		644	Bihdr, south-
991		141		18'44	***	20	38.72	17.19	34'37	310	250	
					20160	20'04	38.75	19 69	35'16	380	260	Bihár, north- Bhágalpur.
991	000	***	900	15'94	39'69	20 94	30 /3	20.20	50	304'69	255'94	Muzaffarpor,
										}		
												NW. Provinces—
and the same of						-01-		24 °69	Pates	366*67	266-67	Benares.
***	55.10	900	***	- 0 4	***	18'54	42.22	44.00	53'54	300 07	200 07	
				i		19'53	41.26	24'23	45'73	290'88	255'99	Central— Cawnpore.
111	600	600	100	16'46	40	19'37	44'43	28.59	101	290'25	945	Jhánsi.
												Western-
041		-81	000	***	50.0	20	847	***	0.00	411	267 5	Meerut
17.81		600	986		38'75	18.75	41'25	36.32	50	320	270	Agra.
												Submontane, west-
004	•••	001	***	***	***	18.03	43'33	400	***	320	280	Shahjahanpur.
						1						Oudh-
	1				ļ			1			-6-	Southern-
21'04	000	400	009	18"18		21'04	43.28		•••	315	265	
												Northern-
							1		1	290'88	243'75	Fyzabad,

WHOLESALE PRICES FOR THE 1st HALF OF JULY 1897 AND 1898 -continued.

	,				G	ÓR.	S	ALT:	TOBAC	CO LEAF.	TURI	MERIC.	Gi	A88.	ST	RAW,
Dis	TRICTS				1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.
Burma -																
Tenasserim-																
Mergui . Tavoy .	•	•			401	***	400	110	400	000	000	400	484	Ç.,	. 00.	100
Moulmein a	nd Am	hers	ŧ	•	***	500	0.00	***	4+*	***	100	***	948	h 200	410	000
Pegu (deltaic) Rangoon		•	•		***	900	009	994	000	660	000	000	644	040	•••	1
Thôngwa	•	•	•				000	***	100	***	***	+40	***	400	***	880
Bassein	٠	•	٠			901		•••	900	***	001	000	•••	000	***	r 000
Pegu (inland) Henzada Toungoo	-	•	0 0		100	900	000	800	000	***	900	600 600		000	998	400
Upper Burma-																
Mandalay Bamo Pakôkku		•	0 0		800 801 801	999 100	***	***	***	000 000	048	#8 0	900 000	600 600 900	000 000 000	000 000
Arakan— Kyaukpyu Akyab .	• 6		•		***	74.0 500	400	686 860	800	****	***	100	000	0.00	050	100
Assam—																
Brahmaputra- Goálpára Gauhati			•		000 000	***	440	994	000	900 900	000	000	000	con with	600	600 6700
engal-										1						
Eastern— Chittagong Dacca			•		410	400	36.32	37°5	100	100 75	000	001	30	35	***	***
Deltaio- Midnapur		,			900	***	38.75	38.13	58'75 and 65	45 and 60	}	800	008	090	4(a)	2°25(a)
Calcutta			*	•	600		34'37	35'62	60	70		000	8.75(a)	7(a)	6(4)	5'25(4
Central— bardwan Pabna .	0 1	•			200	***	36.32	35 40	67.5	70	000	000	000 000	000	8(a) 10	8(4
Northern- Rangpur						***	40	45	57'5	35	000	940	'12(ð)	°17(b)	14(8)	*12(1
Orisso— Cuttack		•				801	31°25	31,522	45	57'5		***	20(a)	20(a)	4°25(a)	9:81(a
Bihar, south-		•	0		600	obo	35.62	37°5	30	30	0 00	095	3'12	3,13	3'75	dha
Bikår, north- Bhågalpur Muzaffarpur		•			600	***	37°5 36°25	40 36 '2 5	40 100	62°5 114°37	***	980	000	004	000	000
W. Province	- 80															
Bastern-Benares	•	•			45'78	63'75		***	***	000	040	000	800	000	940	400
Cawnpore Jhans: .	•	0	•		36.35	48.49	886 889	880	55	75	100 ,	75	000	000	489	594 000
Western- Meerut egra			•		45	 55	***	000	030	***	040	400	000	000 960	980	010
Submontane, s Shahjahanpo						***	000	000	846	000	{ 115 and 120	90 and too	}	***	000	890
outhern—																
Lucknow Northern-			•		44'37	52	440	*** 1	75	75	000	***	2'34	\$'33	000	401
Fyzabad					37'19			***					2'81	4'01		

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR	STALKS,	Ви	USA.		HEEP, SCORE,	PER	SCORE.	BULLO	LOUGH . OCKS, PER PAIR.	
1898.	1897.	1898,	1897.	1898.	1897.	1898,	1897.	1898.	1897.	DISTRICTA,
000		• • • • • • • • • • • • • • • • • • • •	000 000 000	#00 056	000 000	090 040 80b	000	000	000	Burma— Tonasserim— Mergui, Tavoy, Moulmoin and Amherst,
160	564		105	***	***	944	000		***	Pogu (deltaic) Rangoon,
•••	•••	440	***		•••	***	***	***	040	Thôngwa.
	***	• •••	***	000		***	***	•••	000	Bassein.
400	***	+0 0	***	000	***	***	000	0.00	000	Pegu (inland) Henzada, Touagoo,
ED0	000	***	000	000 040	***	980 090 860	254 565 660	900 040 800	***	Upper Buemano Mandelay. Bamo. Pakôkku.
680	050	***	***	404	***	***	000	669	***	Arakan— Kyaukpyu, Akyab.
***	0+4	000	***	000	000	800	010	000 000	500 000	Assam— Brakmapulra— Goálpára. Gauhati,
000	***	000	000		500	•••	9 000 000	859 999	000	Bengal- Bastern- Chittagong. Dacca.
000	•••	200	***	000	000	***	B 00	000	***	Deltaio— Midnapur, Calcutta.
040	***	***	004	***	000	000	040	000	000	Central— Bardwan. Pabna.
***	0.00	***	000	***	***	***	***	600	600	Northern- Rangpur.
500	\$ \$4	•••	***	014	101	000	100	999	•••	Orisso— Cuttack,
	***	***	•••	140	1000	•••	***	***		Bihdr, south-
***	***	***	960	600	000	•••	***	800	***	Bihár, north— Bhágalpur, Muzaffarpur,
***	645	***	100		000			***	100	NW. Provinces— Bastern— Benares,
000	***	201	***	60	бо	000	***	***	000	Contral— Cawnpore, Jhansi,
000	0.00	***	•••	60 45	60 45	440	000	70	70	Western— Mecrut, Agra.
001	843	•01	4	o to 90	0 to 90	***	•••	25 to 50	25 to 50	Submontane, west- Shahjahánpur.
000	800	***	2	35	35	***	400	000	000	Oudh— Southern— Lucknow.
		001	40*					28	28	Northern— Fyzabad.

WHOLESALE PRICES FOR THE 1st HALF OF JULY 1897 AND 1898-continued.

		RICE		RICE, H	USKED.	WHI	AT.	FLO (WHR	OR	BAR	LEY.	JAWA	it.
DISTRICTS,	-	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
ajputana— Hastern— Ajmero	a	33'33	33'33	•••	•••	34'69	45	044		23'19	34'74	22'19	44'43
Panjab— Southern Ferozpur		20	32'5	57'13	75	23'54	36:87	26'67	38.75	12'5	. 28.75	25	40
Central— Lahore		23'66	36.82	40	58'18	21.61	35.63	25.62	40	13'12	27° 08	25°42	39.53
South-eastern- Delhi		25	38.07	36.32	53'33	25	39.01	30'78	42'08	15'99	30.78	21.61	40
Submontane— Amritar		24'23	38'07	43"23	61.26	21.35	35'16	24'17	38'07	•••	27.22	***	Su
Northern— Rawalpindi		20	30	53'18	55.48	23'54	34'84	27.66	38'12	13'75	24'17	20	55.10
Western- Multan		14'79	27.22	27'55	48.59	36,3	36.32	32'6	40'99	17'34	29.63	23'49	42'19
Sind and Baluchistan-											,		
Karáchi Shikarpur			96125	43'75	50	33'12 20'87 27'5	39°37 34°37	***	000	17.81	31'09 28'12	21*25	35 32°19
Quetta		900	107	000	{	33.13	37'5	65	65	22.2	27.5	20	35
Bombay — Deccan — Dharwar Sholapur	•	500	460	\$40 \$04	000	0+1	58.8	400	***	800 800	000	22'4 24'11	*** ***
Rhandesh Ahmadnagar Dhulia		000	***	540 540	402	000	499	600	91.9	400	000	***	52.4
Gujarat— Surat Ahmadabad		30	000	648	49'37	40	49'37	***	***	887 . 688	400)44 009	000
Central Provinces—		***	28	31	31	33	28	40	36.37	809	000	18*87	22
Nagpur Central— jubbulpore			***	24'19	47°06	36.63	30.81	30'75	37'25			18'12	441
Bastern-		***	17	26	27	27	37	34	33	494	***	000	•••
Berar-Básim		000 000	999 9 000 980	66° 66	8o 66'25	38:39 44:44 40	54°63 61°50	3n 50	66°66 66°25	600 600 900		17'3 19'04 16'25	46°3 53°3 54
Madras-South, central-Coimbatore	•	000	800	001	0.00	000	000	000	988	050	000	28.75	28*1
Contral— Bellary		•••	***	***	000	***	•••	bise		***	969	31,08	411
Cuddapah Karnul		26.32	30.26	39'22	46:98	400	000	000	504	000	***	21.87	381
Hast Coast, central— Nellore		060	***	200	***	***	***	***	200	000	•••	000	000
Rast Coast, south— Madras Tanjore Trichinopoly.		29°95 23°7	31,12	47°97 44°03	45°68 42'19	***	001	004	400	***	000	900 000 000	000
Southern- Madura			0.04	000	***	800		***	200	980	000	24'11	26.
Mysore		2.2566	ogina	42.0	46*17	48'98	62*69	60'34	65.83		800	14'62	30'
Bangalore	•	33.66	27.23	43°2 50°33		50.44				100	000	23,21	34

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

		Энг,	1	AR DÁL.	Авн	RAM.	G	VIZE,	M	RAGI.	1	AJRA.	В
	Districts.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898,
,	Rajputana,— Eastern— Ajmere,	305	320	100		43.75	25	36'41	22'19	***	•	44*48	27'97
	Panjab Southern											48'75	25
	Ferozpur.	320	360	55	40	36.87	17.13	38'12	28*54	***	***		
	Lahore.	305	352.2	56.09	35.2	37'45	17'19	41'98	. 25	***	0 000	47'03	24.27
	South-eastern- Delhi.	304'74	345'94	50	30.48	39'01	20	42'08	17*34	**1	***	44'43	18.18
, •	Submontano-	320	***	***	466	36.32	16.67	200	****	000	•	•••	900
P	Northern- Rawalpindi.	278'12	300	41'87	38.13	37'66	20'31	83'33	16'67	•••	000	55'16	20
9	Western- Multan.	320	376'41	***	***	40	21,3	42'19	23'49	000	000	53'33	21'04
-	Sind and Baluchistan-	355	380	63.75	43'75	44'37	25 21 00	***	286	000	500	44°37 41°25	25
	Shikarpur. Quetta,	335	359'37 360	400	941	***	•••	65	27.5	***	***	***	000
	Bombay -												
	Decean— Dharwar, Sholapur, Poona.	*** ***	000 000 000	005 001 040		***	34'06	900 940 930	989 peo	37'13	900	54'3 ²	***
	Khandesh— Ahmadnagar, Dhulia,	969	***	644	***	640	800	000	bah an-	000	000	***	400
	Gujarat— Surat: Ahmadabad.	380	***	***	***	40	***	***	000	800	0.00	40	***
	Central Province: — Western— Nagpur.	***	383°31	31	26	28	24°5	000	100		984	041	900
	Central— Jubbulpore.	310	280	34'5	27.56	26:56	18,10	des	000	***		500	160
	Bastern- Raipur,	350	287	29	23'5	28	22'5	•••	046	***	***	***	004
	Berar — Bánim, Ellichpur, Amráoti.	320 350	320 320°25	66.66 61.26	33°33 28°75	61°54 61°56	33°33 28°75	000	000	000 000	000 000	66.66	33°33 25
	Madrae— South, contral— Coimbatore, Salem,	456.87 359.95	400 351 '25	000	34.53	45°62	40	000	500	34 °05	a5°6a	23*12	22.2
	Central— Bellary.	380'42	380'42	***	***	48'49	40	901	001	***		0.00	•••
	Cuddapah. Karnul.	366.67	333'33	000	000	000	100	000	000	*** b**	000	40,43	21.83
	Bast Coast, central- Nellors.	•••	000	30'52	31'41	•••	567	***	***	25'16	25,16		6pa
	Bast Coast, south— Madras. Tanjore. Trichinopoly.	389'17	329,11	***	400	50	37.4	000	000	21.45	26.21	000	900 000
	Southern- Madura.	***		33,13	30,00	***	***	***		***	441	400	30.00
	Mysore—	346.62		68.57	76.6	31'07	27.71	400	***	21,22	23'51	901	***
	Bangalore,	411	377'02	35	47'04	35	33.32	***	000	22.2	33.81	000	

WHOLESALE PRICES FOR THE 1st HALF OF JULY 1897 AND 1898-concluded.

					G	or.	S	ALT.	TOBAC	CO LEAF.	Turi	MERIC.	GR	ASS.	STR	AW,
Dis	TRIC	TS.			1898.	1807.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Rajputana— Bastern— Ajmore .		•	•		50	50	000	•••			000	200	5	10	5	5
Panjab— Southern— Fetozpur					000	800	000	000	50	50	114*37	90	25	3,13	3.58	5
Central— Lahore						***	•••	001	57*13	57°13	123'07	88191	6.67	13°28	4'11	6.35
South-eastern Dolhi		٠			***				80	80	114'27	123'07	5	7'39	5	7.39
Submontane -					***	800	***	***	+0+	444	640		880	4'01	3'65	4'43
Northern- Rawalpindi		•	٠		600	***	000	000	40	40	118'75	84'17	5	4'43	4'01	6.87
Western— Blultan	٠	•	٠		881	•••	460	000	100	100	133'33	109'84	3'07	3'07	3°96	2,39
Sind and Balue	chist	M-														
Karáchi Shikárpur	•		•		95 46·56	46.87	***	000	000	140	105	92'5	000	***	000	***
Quetta .	۰	•	•	•	000	***	000	000	860	***	***	100	000	900	001	8.09
Bombay-																
Dharwar Shotapur Poona	•		•		000	***	040	***	804	***	000		100	***	***	000 001
Khandesh- Ahmadnaga Dhulia	۲.	٠				***		467	000		500	100	800	630 ·	200	***
Gujarat-		0			***	1 100	•••	***	***	***	466	000	111	***		844
Ahmadabad		۰	•		000	000	000	***	600	000	***	***	***	101	* ***	000
Central Provin	ices-	-						.0			3.1			0,448		
Nagpur	•		٠		800	000	***	38	000	133.31	***	000	411	2'75	***	000
Central — Jubbulpore	•	•		-	÷26	681	39	38'62	60	100	125'5	. 70	. 600	646	***	***
Rastern-	•	•	•	-	***	000	44	100	***	160	110	50	400	000	400	000
Berar-																
Básim . Ellichpur Amráoti	•	•	•		011 011	000	000 000	000	200 120	228	100	76°25	 '5(a)	1°75(a)	***	000
Madras-					-											
South, centra Comubatore Salem					50	65.63	000 007	000	119'95	102.76	95 75'42	57°5 69'53	***	484	6'87	6.8
Central-								•••	,							
Bellary Cuddapah Karnul		•			63'38	47'55	011	000	66.67	100	28,33	45'83	000	000	040 506	400
Bast Coast, of	entra	<i>i</i> -			00.0	***		000	***	0.59	000	001	400	400	2.1	2,1
Rast Coast, s	outh-	_														
Madras Tanjore			•		57.6	49'32	***	000	131.67	131'67	57.6	57'6	460	990		500
Trichinopol	у -		•				000	800	118.58	118,38	***	***	***	***	400	•••
Southern- Madura		•		٠	***	0.00	***	410	116.44	89'74	***	***	84.5	647	4127	5'3
Mysore— Mysore		•	4		68'56	49:36	140	***	374	374	101'29	101'29	10.71	10.41	7'14	7'1
Bangalore	0		•		55'69	77		***	342'75	308.35	85.69	68.2	16.67	13	12.2	216

(a) Per 100 pullies weighing on an average 158 lba,

The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR	STALKS.	Вн	USA.		SCORE.		SCORE.	BULI	LOUGH LOCKS, PA PAIR,	DISTRICTS.
1898.	1897.	1898,	1897.	1898.	1897.	1898.	1897.	1898	. 1897	
5	5	•		140	140			80	80	Rajputana— Eastern— Ajmere.
		1 .								Panjab-
<i></i>	2'5	200	***	50	50	000		75	75	Southern— Ferospor.
141		400	000	100	100	000	***	112.2	86	Central— Lahore.
6.67	10	• ***	***	60	бо	466		125	125	South-eastern- Delhi.
	601		***	70	***	***		640		Submontane - Amritsar.
6.67	2012			60	53			-	60	Northern
	2'81	***	***	50	50	010	000	70	70	Western-Multan,
										Sind and Baluchistan —
***		001	000	660	95			400	60	Karáchi.
***		6'25)	***	***	40.00	***	066	***	***	Shikarpur. Quetta.
***	[6.87 S	9°37	10 to 140	40 to 140	004	040	999	900	Bombay—
										Deccan— Dharwar.
***	144	944	•••	800	100	949	660	***	090	Sholapur. Poona.
***	401	041	000	***	***	100	004	***	900	Khandesh-
***	***	***	104	***	444	***	***	***	400	Ahmadnagar. Dhulia.
011 000	400	***	000	***	400	***	***	000	***	Gujarat— Surat. Ahmadabad.
										Central Provinces-
				60	60					Western— Nagpur.
000	•••	***	.+4			449	***	70	***	Central—
100	***	***	***	40	45	***	444	30	35	Jubbulpore.
***	440	***		800	30	***	***	***	30	Eastern— Raipur.
					+					Berar-
3 2(a)	11 11(a)	100	***	50 5 0	6o 55	000	***	60 90	50 80	Basim. Ellichper. Amráoti.
	-									Madras-
2'5	3,2	0.00	****	80	85 80	80	85 80	60	60	South, central— Coimbatore. Salem.
				100	80	100	80	200	110	Central— Bellary.
100	***	004	***	100	***	100	•••	130	***	Cuddapah. Karnui-
***	400	***	000	***	***	***	***	100	000	Bast Coast, central—
***	***	***	001		601	***		***	***	Nellore. Bast Coast, south—
***		440		55	55	55	55	***	050	Madras. Tanjore.
800	000	***	001	77°5	***	77*5	***	***	400	Trichinopoly.
000		640		290	,	*55		40	41	Southern-Madura.
										Mysore—
3'29	3.63	***	***	100	100	404	040	70	50	Mysore.
800	400	***	000		200 to	204	600	130	50 to 70	Bangalore.

(a) Per 100 pullies weighing on an average 748 lbs.

J. A. ROBERTSON, Offg. Director-General of Statistics.

STEPHEN JACOB, .

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 1st HALF OF JULY 1898. (The figures represent

						Ric	CR.		JAWA		BAJR	
Districts.	WH	RAT.	Ban	LEY.	Best	sort.	Com	moa.	(Sor	LUM rham are).	(Penic	illari
	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month,	Half- month ot report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre viou half-mont
Tonesseria— Mergui	7-	7-	900	001 200 801	12 -	12 — 12 3 9 9	12 14 13 — 12 3	12 14 13 — 12 3	***	410 410 500	900 901 000	***
Pegu (deltaic)— Rangoon	9 4	8 4	000	000	10 2 12 4 11 6 10 8	12 -	14 3 15 — 11 14 11 5	14 3 15 — 11 13 10 14	000	000	400	000
Toungoo	000	10 6	000 000 000 000	401	12 5 10 11 9 3 12 3	9 15	12 1	16 7 11 1 13 4 12 6 14 8	34 8	24 8	000	e94 893 998 606 606
pper Burma— Mandalay	2 9	12 -	000	000	10 15 10 5 10 —	10 5 B 8	11 13 13 6 12 — 13 2	11 13 13 9 10 10 13 2	49 5 28 7	49 5 28 7	000	933 010 000
Sandoway	000	000	801 800 807	***	14 — 10 12 10 —	11 6	17 8 11 12 11 —	16 2 12 6 11 —	500	***	110	000 040 557
arm— sylhet	7 31	7 31	004	000	8 12 5 112	8 8 5 7\$	9 6 8 14)	9 4 8 141	0.00	000 000	010	000
Khāsi and Jaintia Hills	5	5 -	### ##################################	000	4 8 4 8 18 8	4 8 4 - 17 -	6 — 10 — 23 —	6 — 8 — 22 —	000 000	000	***	111
	7 8	15 - 0 4 8	001	001 007 000 004 44	6 — 5 8 8 — 5 8 5 8	6 ~ 8 7 - 5 - 6 5 8	12 — 9 — 9 — 8 — 10 —	9 - 9 - 8 - 10 - 10 -	000 000 000 000 000	000 100 000 000 000	000 000 000 000 000	000 000 000 000
agal iastern hill tracts Naga Hills	901		840	0.00	4 8	4 8	11 -	п	000	801	100	••
astern- Buckerganj	841	***	000	41.	n -	10 —	11 4	10 12	blo	***	***	64
Noakhali	***	004	000	***	9 -	9 -	10 -	10 -	000	000	100	40
	11 8	31 8 8 —	18 4	18 4	9 - 8 - 9 - 4	9 4	10 8 9 8 10 8	10 8 9 8 10 —	000 000 000	000 000 011	000 000 000	00 00 01
Khulna	***	004	601	000	11 -	10 14	15 -	12 14	000	***	101	
se-Parganas	400	***	000	999	8 —	8 —	10 -	10 -	000	***	040	
Midnapur	10 -	10	010	040	10 -	10 -	12 8	12 8	900	100	000	•
Howrah		***	***	900	9 -	9 -	11 -	n	100	068	***	
Calcutta	11 14 10 — 12 4 10 —	10 10 10 — 11 13 10 —	15 3	14 8	7 4 7 8 6 2 10 - 5 6	7 4 7 8 6 - 10 4 5 0	10 10 10 8 11 1 13 —	10 10 11 12 11 7 12 4	16 —	16 —	15 5	13

the number of sers (of 80 tolas) and chittacks sold for one rupes.)

RAG	ARUA OR II (<i>Klew</i> III core- cana).	OR I	ANGWI KAKUP FALIAN BILLET Setaria alica).	K.	GRAM, HENNA, SHULA, ADALAY SUNAGA (Cicer etimum).	(Ze	MAIZE a Maye)	. (0	THUR, OR THUR, ADJAN PEA ajanus ndieus).		BALT.	Districts.
Half mon of ropg	th viou	s mon	th vio	as mon	th viou	s mont	h vious	moni	th vious	of	haif-	
000	000	•	000	9	9 5	000	000 000	7 —	7 -	15 — 17 12 14 —	15 — 17 12 14 —	Burma— Tenasserim— Mergui. Tavoy. Moulmein and Amherst.
901 000 000	000	000	000	11 2 19 4	12 4	20 8	20 8	9 - 8	9 - 7 8	14 3 22 — 15 2 15 15	14 3 22 — 15 2 15 15	Pegu (delbaic)— Pegu. Rangoon. Thongwa. Bassein.
000 2 000 661 601	000 000 000 000	000 000 000	000 000 000 000	10 9 11 6 9 2 8 8 10 10	10 9 11 6 9 2 9 1 10 10	37 9	37 9	4 - 7 - 10 10	4 — 7 — 10 10	14 4 14 4 14 3 14 3 14 8	14 4 14 4 14 3 11 6 14 8	Pogn (inland)— Tharawadi. Henzada. Prome. Toungoo. Thayetmyo.
190 000 000	000 991 445 445	440 400 400	000 010 000	7 5 8 - 13 - 14 3	6 15 6 7 12 — 14 3	25 2 28 7	36 6 56 14	7 12 4 13 6 — 5 —	7 9 5 6 6 — 5 —	14 6 9 7 14 3 14 4	15 2 9 7 14 3 14 4	Upper Burma- Mandalay. Bamo. Pakôkku. Muiktita.
000	400 000	000	000 004 001	6-9-	6-	010 000 000	000 000	5 8	5 8	15 4 24 — 16 —	15 4 24 — 16 —	Arakan— Sandoway. Kyaukpyu. Akyab.
883 688	600	000 001	400	11 4 9 2	11 4 9 2	### ##################################	400	000	003	10 - 8 -	to — 8 —	Assem— Surma— Sylhet. Cachar.
881 834 889	884 88+	880 001	901	7 - 6 8	6 8	11 -		5 —	4 8 3 -	6 3 6 8 3 6	6 8 6 8 3 6	Hill tracts— Khási and Jaintiá Hille, Garo Hille. Manipur,
000 000 000 000	000 000 000 001 001	004 000 000 000	000 000 000 000 000	10 — 11 — 10 — 7 9 10 — 11 —	9 - 11 - 10 - 7 9 10 - 10 -	969 905 404 600	000 000 000	6"8	6 8	10 - 10 - 9 - 9 - 8 8 8 -	9 8 9 7 9 7 8 8 8 8	Brahmaputra
000	***	000	981	4-	4-	684	820	4-	4-	4-	4-	Bengal— Eastern hill tracts— Nágá Hills.
***	000	994	***	13 4	13 4	440,	600	***	000	10 -	10	Bastern- Backerganj.
J.in	000	000	001	10 -	10 -	100	*10	000	***	9 -	8 —	Noakhali.
000 013 011 000	000 000 000	000	000	14 - 8 -	11 8 8	600 600 600	000 000	10 8	10 8	9 2 9 8	8 — 9 2 8 —	Chittagong. Tippera. Dacca. Maimensingb.
***	160	***	00+	10 14	10 14		***	10 8	10 8	10 -	10 -	Deltaic- Khulan.
***		***	•••	12 4	12 4	060	•••	11 -	11	10 8	10 8	24-Parganas.
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RETAIL PRICES FOR THE 1st HALF OF JULY 1898-continued. (The figures

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RETAIL PRICES FOR THE 1st HALF OF JULY 1898 -continued. (The figs

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RETAIL PRICES FOR THE 1st HALF OF JULY 1898-continued. (The figures

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RETAIL PRICES FOR THE 1st HALF OF JULY 1898 -concluded. (The figures

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J. A. ROBERTSON,
Offg. Director-General of Statistics.
STEPHEN JACOB,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA FINANCE AND COMMERCE DEPARTMENT

Total Gross and Net Indian Sea and Land Customs Revenue (excluding Salt Revenue).
[In thousands of Rupees]

			In	THE FOUL	K MONTHS,	APRIL T	o July, or			A
	1889-90,	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96,	1896-97.	1897-98.	1
IMPORTS (GROSS REVENUE)				10,2 33.			- V-95 90.		1097-90.	1 98-99.
Arms, Ammunition, and Military										
Stores	65	88	99	1,01	93	94	1,01	1,25	1,15	93
Liquors: Spirit	26.10	96	-6.6.	.0	-60-	1000				3,
Other liquors	16,47	17,86	16,62	18,09	16,85	17,25	19,66	19,40	18,78	20,33
Apparel, including haberdashery and	2,16	2,09	2,39	2,02	2,21	1,90	2,19	2,03	2,01	2,01
Chemical products and preparations.			-	_	_	1,97	2,01	2,26	1,43	1,59
Cotton manufactures:	-	-	-	_	_	88	87	88	88	92
Twist and yeen							4 110		_	
Piece goods, grey		-		_	_	_	4,79 19,61	17.93	13,10	_
white	-	7-172				-	2,13	6,59	5,38	14,63
" coloured	-	75.25.00 0 X8.30				- Oto	6,52	7,25	3,86	5.79
Other goods		6 24 ·				_	79	46	33	5.52
Drugs, medicines, and narcotics	-	MAN				1,05	98	1,14	4,18	37
Dyeing and tanning materials					- Carlon	85	1,22	1,29	1,24	1,06
Glass and glassware.	-	3517			-	1,07	1,18	1,42	83	1.30
Hardware and cutlery		13A7-15	Chinas	_	_	2,38	2,29	2,63	2,31	1,03
Metals:		0.00%							-13.	2,43
Copper	-			-	-	1,24	2,79	2,35	2,05	
fron and steel	_				-	85	1,39	1,41	1.35	1,73
· Silver	-		~ p	_	_	11,82	10,12	6,89	13,80	1,26
Tin	-	_	Pho se.	_	_	38	43	44	34	13,34
Other metals	-	-			_	1,51	1,04	75	77	27
Cils: Petroleum	5,10	4,66	5,62	5.77	5,41	4,27	15,94	12,80	14,88	88
Paints and colours	-			31//	- JIN-	55	53	66	. 51	13,16
Paper	-	_	-		_	70	82	87	55	57
Provisions	-	-	-	_	_	1,19	2,45	2,40	2,50	76
Silk, raw and manufactured		-	-	_		3,62	3,85	3.97	2,41	2,14
Spices	-	-	-	_	-	1,35	96	I,II	1,35	2,68
Stationery		-	-	_	-	46	45	59	37	1,35
Sugar	-	-	-		-	3,62	5,98	3,54	5,85	39
Tea	-		-		-	49	43	45	32	4,82
Umbrelias	-	-	-	-	-	84	71	62	60	24
Wood and timber		-	-	-	_	38	43	36	34	51
Wcollen goods	-		****	-	_	1,42	1,21	1,53	1,09	21
Imports by post	***	0.00	***		***	42	41	45	46	1,33
All other articles	1	1	1	1	1	6,58	7.27	7,29	7,04	7,14
TOTAL	24,42	25,50	25,63	26,90	05.41	69,98	1,27,46			
		-3,30	3, 5	20,90	25,41	09,50	1,2/140	1,13,41	1,09,06	1,11,18
EXPORTS (GROSS REVENUE)					p.]					
Rice and rice-flour	25.94	32,40	29,69	20,55	25.32	28,98	29,22	27,90	17,60	34,50
TOTAL GROSS REVENUE	50,36	57,90	55,32	47:45	.50,73	98,96	1,56,68	1,41,31	1,26,66	1,45, 73
TOTAL NET REVENUE	49,00	56,51	53,59	46,06	48,99	96,52	1,53,08	1,36,97	1,23,54	1,42,59
Provincial distribution of Net Customs										
Revenue										
Bengal : Simport	7,69	7.74	8,13	9,42	7,79	17,01	46,52	41,80	37:77	41,58
CEXPORT	4,40	5,64	5.17	4,18	4.77	4,48	6,41	4,96	2,23	5,94
Bombay	6,55	7,60	7,59	7,65	8,25	35,08	47.73	43.93	43,63	41,83
Bombay . Export .	79	59	41	55	62	1,01	92	1,07	83	1,41
(Import	2,08	2,25	2,26	1,98	2,10	4,04	6,96			
Sind . Export	21	31	24	25	18	22	22	7,03	6,56	7,50
Import						1			25	54
Madras . Export	3,34	4,33	3,52	3,48	3-44	6,83	13,19	8,24	10,48	8,59
		1,55	1,43	1,25	1,45	2,58	1,86	2,73	4,19	1,74
Burma . { Import . Export .	4,00	3,00	3,30	3.59	2,94	5,32	10,08	8,87	8,17	9,61
	17.75	23,50	21,54	13,71	17.45	19,95	19,19	18,22		23,85

FINANCE AND COMMERCE DEPARTMENT August 19, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Brief memorandum on the weather in India during the months of June and July and forecast of the general distribution of the rainfall in India during the months of August and September 1898.

In the forecast issued in the beginning of June it was stated that the monsoon forecasts, as at present issued, necessarily leave out of consideration two important factors on which the agricultural value of the monsoon rainfall largely depends, vis.:

1st .- The probability of the occurrence of a prolonged break in the rains in July or August.

and .- The probability of the unusually early termination of the rains in · Upper India or in Bengal.

It was stated in the forecast that the conditions, which obtained in the Indian monsoon area in May 1898, were similar to those of May 1897, and that the conditions in India itself were favourable for a normal monsoon and well distributed rains over by far the greater part of India.

The actual character of the monsoon rains in June and July indicates that the Arabian Sea monsoon current was probably slightly below its normal strength, and this appears to be mainly due to unfavourable conditions in the sea area to the south and west of India and not to conditions in India itself, as was also the case in June and July 1897.

A brief forecast for the months of August and September is now usually drawn up for the information of the Government of India in the beginning of The present memorandum is an extension of the forecast and is published by order of the Government of India.

In the present memorandum a brief statement is given: first, of the weather and snowfall in the mountain areas to the north-west of India during the months of June and July; and, secondly, of the character of the monsoon rains and weather during the same period; and, thirdly, of an estimate of the probable character of the rainfall of August and September based on these data.

Summary of the reports of snowfall on the North-Western Himalayas in May, June and July 1898.

The following gives the only snowfall report for the two months from the 15th of May to the 15th of July received up to date.

Chitral .- The Medical Officer and Superintendent of the Observatory, Chitral, writes as follows on the 22nd July:

"With reference to your letter No. 378-S., dated Simla, 11th July, I have the honour to report that, after making what enquiries I can, I cannot hear of any snow having fallen on the higher mountains near here in June or July up to the present date. Should I hear on the higher mountains near here in June or July up to the present date. of any, I shall forward to you at once any information about it that I can."

Summary of snowfall information.

The report is of considerable interest, as it indicates clearly the character of the weather and the snow accumulation in the Western Himalayas during the past two months.

As no reports have been received from officers on the North-West Frontier, it is almost certain no snow has fallen on the higher elevations in Afghanistan or Baluchistan.

The report received from Chitral indicates that no snow has fallen on the adjacent high mountains during the past two months. The period was also unusually dry in Kashmir, and, as the preceding winter was one of the driest on record, the snow accumulation on the high mountain ranges in that state is probably much smaller than usual.

The appearance of the snowy mountains as seen from Simla shows that little or no snow has fallen on the higher ranges in the Simla Hill districts, and that the snow accumulation is, as in Kashmir, of much less extent and thickness than usual in July and August.

No information has been received from Gurhwal, Sikkim or Assam.

The information obtained hence indicates that the past two months have been characterised by the absence of general snowfall on the higher ranges of the Western Himalayas, and that, as a result of this, combined with the scanty precipitation during the preceding winter, the extent of snow-clad surface is much less than usual, and the snow line is probably 1,000 feet to 2,000 feet higher than usual.

Chief features of the Meteorology of India in June and July 1898.

June.—The advance of the monsoon current over the Arabian Sea was delayed, but to a less extent than in June 1897. General heavy rain commenced on the west coast on the 9th and continued until the 21st or 22nd, after which the weather was showery. The rainfall in that area was especially heavy from the 9th to the 17th. Weather was squally and stormy in front of the monsoon, but no severe storm appears to have formed, so that the monsoon set in more quietly than usual in the Arabian Sea. The monsoon current began to give showers in the Central Provinces and Central India on the 9th and 10th.

The monsoon was initiated in North-Eastern India by the advance of a cyclonic storm, which formed in the north of the Bay on the 13th and 14th.

The storm marched slowly northwards between the 15th and 19th through West and Central Bengal and broke up in North Bengal on the 20th. The storm gave heavy general rain in North-Eastern India.

The Arabian Sea current fell off very rapidly in strength on the 19th and following days, and a break in the rains set in over Rajputana, Central India and the Central Provinces on that date.

The pressure conditions were very abnormal from the 21st to the 24th, pressure being lowest in the submontane districts of Northern India and considerably below the normal. Strong westerly winds hence prevailed, giving no rain, except in Bengal and Burma. The break in the rains extended from Upper India over the whole of Northern India on the 25th and lasted during the remainder of the month.

No rain fell during the month in Sind. The rainfall of the month was in large defect in the Punjab, Rajputana, Orissa and Bihar and in moderate defect in the Central Provinces and Berar. It varied by less than 10 per cent. from the normal in the remaining provinces given in the table below, except Chota Nagpur, where it was in large excess (39 per cent.), and Bengal and Bombay, where it was moderately in excess.

The mean pressure of the month of the whole of India was '025 inch below the normal. Pressure was in local defect in Sind, the Punjab, Rajputana, the North-Western Provinces and Assam and was normal or in local excess elsewhere.

Temperature was more or less in excess over the whole Indian area, except Bengal and Chota Nagpur. The excess was large in Upper India, averaging 3'9° in the Punjab.

The following summarizes the pressure and temperature variation data and the rainfall data of the larger provinces:

š.		•				VARIATI	ON FRUM N	ORMAL OF		RA	INFALL.		
	• Pro	winc	be.			Pressure.	Maximum temper- ature.	Minimum temper- ature.	Actual, June 1898.	Normal, June.	Variation from normal, June 1898.	Percentage variation, June 1898.	Percentage variation, June 1897.
						"	0	0	Inches.	Inches	Inches.	-	. 19
Punjab	4					'050	+ 3'7	+4°0	1,33	1'llo	-0.28	-32	-38
Sind .	a	٠		٠		-'041	+ 2'0	+1'7	0	0.33	-0.33	-100	-94
Rajputan	2	٠		٠		029	+ 2.8	+ 2'8	1'21	1,00	-0.75	-38	92
North-We Oudh.	eatern	Pi	ovino	ces	and	028	-0.7	+ 987	4'84	5'20	-o*36	7	-26
Central li	ndia		٠		•	'005	0.2	+1'1	5 03	5,13	0'09	-2	+ + 27
Central P	rovino	es	٠	٠		'015	+0°8	+ 0*8	7'14	8'66	-1.2	-18	-41
Berar			٠	٠		'008	+0*8	+1'0	5.04	6.16	-1'09	-18	60
Chota Na	gpur		٠			'026	-018	+0'2	-11'44	8.21	+ 3'23	+ 39	-11
Orisaa.	٠	0		, 4		- 026	+ 0.3	10'2	5'24	9'99	-4'75	-48	-17
Bihar		٠				~ •o2e	—o,3	+0'4	4'25	8'04	-3'79	-47	+ 70
Bengal	٠	٠	٠			-,033	-0.3	-0'2	17'01	14'73	+ 2*28	+15	23
Assam						-031	+0.0	+0'4	18:81	19.65	-o*84	-4	16
Burma	4	٠	٠			003	+1"1	+ 0*8	19*23	18'71	+ 0'52	+ 3	+ 13
Bombay						010	+ 1'0	+ 1.3	23'37	19,32	+3*65	+ 16	12
Madras		4				009	+1.0	+00	3'15	3'48	-0.33	9	18

July.—The break in the rains was terminated by the formation of a cyclonic storm in the north-west angle of the Bay and South-West Bengal at the end of June. The storm drifted slowly through Chota Nagpur on the 3rd and 4th and the northern districts of the Central Provinces and Baghelkhand on the 5th, and filled up in Central India on the 6th and 7th. It gave a general and heavy burst of rain to the Central Provinces, Central India and South-West Rajputana.

Dry weather prevailed in the Gangetic Plain from the 6th to the 10th when the inflow of moist winds increased, and moderate but fairly general rain under ordinary monsoon conditions fell between the 11th and 16th. A shallow depression formed in Bihar on the 16th, which drifted through the North-Western Provinces on the 17th and 18th and into Rajputana on the 19th. It was associated with moderate general rain in the area traversed by it. This was followed by a partial break in the rains over the greater part of Northern India lasting from the 20th to the 27th. The Peninsula obtained fairly general rain on the 21st and 22nd. A depression formed in the Bay off the Circars Coast on the 23rd, 24th and 25th. It advanced inland across the Circars, to which it gave heavy rain, into the Central Provinces on the 26th, where it filled up. The indraught of monsoon winds into the interior increased after the breaking up of this storm, and fairly general rain fell on the last three days of the month over the greater part of Northern and Central India and the North Deccan.

The mean pressure of the Indian land area for the month was '019 inch below the normal. Pressure was, relatively to the general condition, in local excess in Northern and Central India and in local defect over the remainder of India, the deficiency being most marked at the west coast stations from Karwar to Colombo and in the south of the Bay and Tenassérim, where it ranged between '02 inch and '03 inch.

Temperature was above the normal over the greater part of India, but the variations were small, except in Rajputana, where the mean temperature of the month was 2°.5 above the normal.

The rainfall of the month was below the normal over the greater part of Northern India, but was generally in excess in the Peninsula and Central India.

The rainfall of the month was however larger in amount and more favourably distributed than in July 1897.

The following table gives data showing the variations of the mean pressure, temperature and rainfall from the normal in the larger provinces:

		VARIATIO	N FROM NO	RMAL OF		Rain	FALL.	•	
Province.		Pressure.	Maximum temper- ature.	Minimum temper- ature.	Actual, July 1898.	Normal, July.	Variation from normal, July 1848.	Percentage variation, July 1898.	Percentage variation, July 1897.
-		"	0	0	Inches.	Inches.	Inches.		
Punjab		+ 022	- 2.1	0'3	6.30	6.02	+ 0°34	+ 6	- 26
Sind		013	+ 0,3	+ 0.8	2.76	2'48	+ 0'28	+ 11	. + 17
Rajputana		- '020	+ 2'6	+ 2'3	6'43	6 36	+ 0.07	+ 1	- 10
North-Western Provin	ices and	- '008	- 0.3	- 0,1	12,53	13'47	- 1'25	90	1
Central India		- '015	. + 0.4	0,1	15'72	11'79	+ 3'93	+ 33	11
Central Provinces .		- '023	- 0'2	+ 0.2	22.08	18.00	+ 4'86	+ 37	- 28
Berar		031	+ 0,1	+ 0°I	8'34	10'71	- 2.37	- 22	- 34
Chota Nagpur		026	+ 0'5	+ 0.2	12.89	13.08	- 1'09	- 8	- 16
Orissa		- '032	- o'6	0	7'28	13'12	- 5'84	- 45	+ 1
Bihar		- '022	+ 0.6	+ 0.6	10'07	13'16	- 3.49	- 23	- 29
Bengal		- '016	+ 0'3	1 0'2	14.28	15'57	- 0.00	- 6	- 13
Assam		- '011	+ 0.1	1'0 1	13'53	17'46	- 3.93	- 23	4 1
Burma		- '022	+ 0"1	+ 0.3	21,13	21.77	- 0.65	- 3	- 11
Bombay		- '032	+ 0,3	+ 0.2	24'20	21.76	+ 2'44	+ 11	+ 30
Madras		- '035	+ 1'0	+ 0'8	3.83	3.86	- 0.03	- 1	- 30

Of the fifty-one rainfall divisions or districts into which the plains of India is divided, the rainfall of the two months of June and July was above the normal in twenty-two divisions and from normal to 10 per cent. in defect (or practically normal) in thirteen divisions. In seven of the remaining divisions it was between 11 and 24 per cent. in defect. It was 25 per cent. or over in defect in nine divisions, for which comparative data are given below:

						RAINFALL, 2	отн Мау то Зотн	JULY 1898.
	Divi	sion.			ŀ	Average actual.	Average normal.	Percentage variation.
** D.						Inches.	Inches.	—54
Upper Burma . Madras, South-Cent	ral			•	•	7.27	11 16	-35
North-Western Prov	vince	es, W	'est	•	٠	6.90	10'29	-33
Mysore						861	12:36	-30
Madras, South .			٠	٠	٠	1.62	2.28	29
East Coast, South				•		3.67	5.03	-27
Kathiawar .	0			•		8.55	11.38	-27
Assam, Surma .						36.20	49'19	—26
South-East Punjab			•			7.01	9'33	-25

The rainfall of the two months has, on the average of the whole of India, been below the normal to a slight extent. The greater part of the area, which mainly receives its rainfall from the Bay of Bengal current, has obtained normal or excess rainfall, whereas the areas chiefly dependent upon the Bombay current have had deficient rainfall.

Summary of conditions at the commencement of August 1898 and comparison with previous similar years.

The pre-monsoon conditions of pressure and temperature of the present year were very similar to those which obtained in the corresponding period of the year 1897. The advance of the monsoon was delayed in both years, and the currents in June were not so strong as usual in years of favourable conditions. The resemblance between the two seasons continued throughout July. July 1898 like July 1897 was unusually free from cyclonic disturbances. The Seychelles telegrams received from the 15th May to the 15th July indicate that the south-east trades in the Equatorial Belt were during that period weak and somewhat unsteady. The scanty information obtained from vessels crossing the Equatorial Belt and the Arabian Sea shows that a strongish but somewhat unsteady monsoon prevailed during that period, and that the monsoon is at the present time strengthening and is probably now of normal strength. The general conditions in India and the seas to the south in June and July 1898 strongly resemble those prevailing in the corresponding period of 1897.

The chief features, which have to be taken into consideration in determining the probable distribution of rainfall in August and September, are—

1st.—The probable strength and character of the south-east trades.

and.—The steadiness and strength of the monsoon currents in the Indian seas—more especially the Arabian Sea.

3rd.—The pressure conditions obtaining at the end of July in India.

4th.—The absence of snowfall in the Himalayan mountain area during June and July.

First.—The information relating to the strength of the south-east trades in the Indian Ocean is scanty (being restricted to data from the Seychelles, Mauritius and Zanzibar and the logs of a few ships), but indicates that the south-east trades were slightly below normal strength in the beginning of July, but that they were increasing in the last fortnight of July and were somewhat stronger than usual at the beginning of August.

Second.—The monsoon current in the Bay has been moderate in strength, but remarkably steady and has been characterised by an almost complete absence of cyclonic storms during the monsoon season to date. The current in the Arabian Sea has been, on the other hand, less steady than usual. It was unusually feeble over the centre in the last week of June and first week of July. The current is, so far as can be judged by the latest data, stronger and steadier than hitherto and probably slightly above its normal strength in August.

Third.—The pressure anomalies in July were generally small in amount, and their chief result has been to displace the trough of low pressure in Northern India slightly further south than usual. As its position determines the tracks of cyclonic storms, its present position is especially favourable for abundant rain in the Central Provinces and Central India, for moderate to heavy general rain in Northern India and moderate rain in the Deccan. It is slightly unfavourable for Upper India.

Fourth.—Heavy and general snowfall in the Western Himalayas has occasionally occurred in June and July, as for example in 1880, and was associated with a prolonged break in the rains in August in that year: hence, the absence of snowfall during the past two months following the scanty precipitation during the previous winter is favourable for the continuance of rain during the next month or six weeks without any considerable break.

The previous remarks indicate to what extent the present conditions are likely to affect the rainfall of India during the next two months.

The following gives a brief comparison with previous years, in which the hot weather conditions and the general character of the rainfall of June and July were similar to those of the present year. The only years in which the meteorology of the months of June and July resembled that of the corresponding months of the present year are 1884 and 1897 and to a slight extent 1894:

rains set in fully in Bengal about the 22nd June, somewhat later than usual, and on the Bombay Coast about the 10th of June. The rainfall of the month of June was very scanty in Madras, Bombay, Assam and Burma, and the humid currents did not in that month advance beyond Bihar and the Central Provinces.

In July the rains were deficient over the area usually dominated by the Bengal current, or in Assam, Bengal, Bihar and the North-Western Provinces. Bombay obtained its normal amount and the Central Provinces and Berar excessive rain in consequence of the passage of an unusual number of storms from the Bay of Bengal through that area. In August the Punjab, Central India, the North-Western Provinces and part of Rajputana obtained abundant rain, and the Central Provinces and Bombay on the whole slightly larger amounts than the normal. In Bengal, Assam and Burma there was a considerable deficiency. Abundant rain fell in all districts, except Madras and Bengal, during September. In Rajputana and the Central Provinces the excess was very large. The rains continued until the first week of October in Upper India. The rainfall of that month was either normal or in defect over the whole of Northern and Central India. The termination of the rains in Upper India was followed in a few days by the commencement of the so-called northeast monsoon rains in the Carnatic. Southern India received abundant and favourable rain from the 15th of October to the middle of December, when the rains ceased.

1894.—The winter of 1893-94 was somewhat more disturbed than usual, and moderate to heavy snow fell in the Western Himalayan area in January, February and March. April was finer and drier than usual, and May was a remarkably hot month. The winter snow accumulation melted rapidly in April and May, and its amount at the end of May was much below the normal. Pressure was in May locally in considerable to large defect in Northern India, the deficiency being most marked in Bihar and North and Central Bengal. Pressure was in local excess in the Peninsula (more especially in the west coast districts).

The monsoon rains commenced slightly later than usual on the 7th and 8th in the Bombay Coast districts and on the 14th (the normal date) in Bengal. They extended rapidly into the interior and held with great steadiness throughout July, August and September. The rainfall of the period was in more or less general excess over the whole of Northern and Central India and was in slight defect in Burma and Southern India.

usual (upwards of a week) on the Malabar and Konkan Coasts and almost simultaneously on the 12th and 13th June along the whole west coast. They began on the 13th, and hence about the normal date on the Bengal coast. The humid currents extended very rapidly into the interior and gave general rain over nearly the whole of Northern and Central India, including the greater part of the Punjab, Rajputana and the North-Western Provinces, during the next ten days of June. The advance of the monsoon in the Arabian Sea was unusually feeble, and the current in that area began to show signs of weakness on the 20th. It temporarily withdrew from Upper India on the 23rd, Central India and the Central Provinces on the 24th, the Deccan on the 25th, Bihar on the 27th and Bengal on the 29th. The rainfall of the month of June was less than usual, more especially in the provinces which generally receive heavy rainfall from the Bombay current, and was normal or in moderate excess in the greater part of the North-Western Provinces and Bihar.

The break in the rains which set in during the last seven days of June continued until the 5th of July in the coast districts and until the 10th and 11th in Upper India. Strongish monsoon winds prevailed from the 9th to the 21st and gave general rain. This was followed by a partial break in North-Western India from the 21st to the 29th, after which the monsoon winds again rapidly strengthened, and heavy general rain extended over nearly the whole of the interior before the end of the month. The monsoon currents were hence not so strong or steady as usual in July. The rainfall of the month was very irregularly distributed and was on the whole below the normal, but the deficiency was of little importance except perhaps in Upper Burma, Berar and North Bihar.

The monsoon currents were very steady and of normal strength in August, and unusually favourable rain fell over the whole country. The rainfall of the month was in excess over practically the whole of India, and it was especially favourable in North-Western and Central India and the Central Provinces. It was also above the average to a moderate extent in the Madras Presidency—an unusual circumstance-as excessive rain in Northern India during the monsoon, in fline cases out of ten, accompanies deficient rainfall in the centre and south of the Peninsula.

The monsoon currents fell off gradually in strength during September and were much less steady than in August. Two cyclonic storms of considerable intensity formed and determined to a considerable extent the distribution of the rainfall of the month. The rains terminated slightly earlier than usual in Upper India, and the rainfall of the month of September was in slight defect in the Punjab, Rajputana and the North-Western Provinces. It was, on the other hand, unusually abundant in the Peninsula and the Deccan. Madras obtained very favourable and abundant rain. Over by far the greater part of Madras the rainfall was practically double the normal amount.

Probable character of distribution of rainfall in India in August and September 1898.

The following are the chief inferences that can be drawn respecting the character of the monsoon and the probable distribution of rainfall in India during the months of August and September based on the snowfall data, the general meteorological conditions and the strength and character of the monsoon currents in India and the Indian seas during the months of June and July:

- It is very probable there will be no prolonged general break in Northern or Central India during the month of August. The monsoon currents will very probably be of at least normal strength in August and the Arabian Sea current probably of normal strength in the northern half of that sea in September.
- 2nd.—It is very probable that the number of cyclonic storms formed in the Bay in August will be less than the normal, and hence that the rainfall of that month will be favourably distributed.
- 3rd.—It is probable the rains will cease about the normal date in Upper India. In the years, which most resemble the present year, they ceased in the third or fourth week of September.
- 4th.—Conditions are (as indicated by the local excess of pressure in the North and West Punjab and the present position of the trough of low pressure) slightly unfavourable in Sind, North-West Rajputana and the western and probably the central districts of the Punjab. It is probable that the rainfall will be in slight to moderate defect in these areas and in slight defect in the East Punjab. As it is probable, the rains will terminate about their normal date, or slightly later the rainfall of August and September will probably not be unfavourable in the Punjab.
- 5th.—It is very probable that in the North-Western Provinces, Bihar and Chota Nagpur the rainfall will be at least normal in August and about normal in September and hence it will probably be on the whole in excess.

- 6th.—Conditions are favourable on the whole in Bengal and Assam, and those provinces will probably receive favourable rain, normal in amount, during the next two months. There are at present no indications of the earlier termination than usual of the rains in North-Eastern India.
- 7th.—Conditions are at present very favourable for abundant rain in, the Central Provinces and North Deccan, as indicated by the present position of the trough of low pressure. These conditions will probably pass away in the beginning of September. These areas will hence probably receive more than their normal rainfall in August and about normal rain in September. Conditions are slightly less favourable in Berar and the Bombay Deccan, and the rainfall on these areas will probably not be above the normal and may be in slight to moderate defect.

8th.—The data for Upper and Central Burma are too scanty and unreliable to enable an estimate of the probable character of the rains in that part of Burma to be attempted. Conditions are very favourable in Lower Burma and Tenasserim and are apparently on the whole favourable in Central and Upper Burma.

It may also be noticed that the resemblance between the present year and 1897 has been very marked up to the end of July, and hence there is a very strong probability that the rains during the remaining two months of the full extension of the monsoon (August and September) will be on the whole abundant and well distributed.

JOHN ELIOT,

CALCUTTA, 8th August, 1898.

Meteorological Reporter to the Government of India.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, August 13th, 1898.

On the first day of the week under review two small cyclonic storms were shown—one over Lower Bengal and the head of the Bay, the other over the North-West Provinces. In the neighbourhoods of both these storms rain was falling generally and fairly heavily. In other parts of the country dry westerly winds prevailed very generally, and fine weather with light scattered showers prevailed in most parts of the country. The reports of the following day, the 8th, showed that the depression over the North-West Provinces had suddenly filled up, and westerly winds extended over that area also. The storm suddenly filled up, and westerly winds extended over that area also. The storm in Bengal, on the contrary, continued to exist right up to the close of the week, and all over Bengal, the east of the North-West Provinces and Burma and Assam daily, and in places heavy, rain was experienced. In all other parts of India strongish westerly winds were reported which gave showers to the west coast districts and to the Central Provinces, but which were generally accompanied with fine dry weather over North-West India and the centre and east of the Peninsula. As a consequence of this distribution of rain, the heat during the week was generally less than usual over the north-eastern and central parts of the country and generally greater than the normal over the Punjab, Sind, Rajputana and Madras.

Daily Summary. - Sunday, August 7th. - The barometer had risen briskly over the Punjab and fallen briskly over Arakan, Silchar and the central districts of the North-West Provinces. Pressure was highest in Malabar, lowest in the West Punjab, while two small storms were shown—one over the head of the Bay and Lower Bengal, the other over Oudh. The winds were cyclonic in the neighbourhoods of the two depressions, southerly in Burma, variable in the Punjab and between north-west and south-west elsewhere. The mean temperature was low over the Gangetic Plain, the central parts of India and the greater part of the Peninsula, but elsewhere the heat was excessive. Rain had been general over Burma, Bengal, Assam, the North-West Provinces, the West Coast and the North-West Himalayas, but elsewhere there had been little or no rain.

Monday, August 8th.—The barometric changes had been generally upward, but generally small. The depression over Oudh had filled up, while that over Bengal was practically unchanged. Westerly winds had extended over the Gangetic Plain in place of the cyclonic winds noticed there on the 7th, but otherwise the winds were almost unaltered. The monsoon was blowing strongly on the North Bombay coasts. The heat was low over the Gangetic Plain, about normal over the Peninsula and excessive over North West and North Fact. India. normal over the Peninsula and excessive over North-West and North-East India. Rain had continued to fall generally over Burma, Assam, Bengal and the North-West Provinces, but over the remainder of India only showers had been received, and over a large part of the country a break in the rains had set in.

Tuesday, August 9th.-Pressure had continued to rise almost everywhere. At Saugor Island, however, a local fall had occurred, and a small centre of depression had been developed within the large low pressure area which, during the previous two days, had been reported from the head of the Bay and Lower Bengal. The pressure differences between Malabar and the west of the Punjab were greater than usual. Variable winds prevailed over the Punjab, cyclonic winds over Burma, Bengal and the head of the Bay, while elsewhere a strong massive westerly current was reported. The temperature was low over the Gangetic Plain, West and South-West Bengal and Lower Burma, but elsewhere the heat was excessive. Rain continued general, and in places heavy, over Burma and North-East India, but elsewhere the break continued and only showers were reported.

Wednesday, August 10th.—The barometer had risen over Burma and the greater part of Bengal, and the storm had crossed the Bengal Coast, the centre

And the second s		RAINFAL	L DATA FOR WE	EK ENDING	RAINVALL	DATA FROM M JUCST 13TH, 18	AY 99TH TO 98.
PROVINCE.	DIVISION.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect in inches.	Average petual rainfall of season to date.	Average nor- mal rainfall, May 30th to August	Encess or defect of (sea- sonal) rain- fall expressed as a per- centage,
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	19'22 8'15 2'68 1'14 17'86	9.78 5.23 3.43 2.14 9.04	+ 9'44 + 2'92 - 0'75 - 1'00 + 8'82	100'94 61'20 30'27 13'23 125'75	108'32 53'36 29'77 25'12 122'97	- + 2 + 2 - 47 + 2
BENGAL AND ASSAM .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	2'91 3'16 4'06 3'10 3'42 3'12 1'35 6'56 6'81 5'59 4'45 2'88	4'76 6'84 6'37 3'59 3'97 2'81 4'73 7'79 2'70 3'42 2'80 3'15	- 1'85 - 3'68 - 2'31 - 0'49 + 0'35 + 0'31 - 3'38 - 1'23 + 4'11 + 2'17 + 1'65 - 0'27	47'72 43'74 60'67 36'88 28'70 29'94 46'35 69'80 24'96 33'97 27'00 24'41	47 98 60°34 76°94 38°00 28°67 28°24 50°77 77°51 26°43 27°78 22°88 26°18	- 1 - 28 - 21 - 3 - 6 - 9 - 10 - 6 + 22 + 18 - 7
NORTH-WESTERN PROVINCES AND OUDE.	18. NW. P. East	4.79 4.83 7.52 3.98 1.76 6.28 3.24 4.33	2'52 2'78 3'01 2'32 1'78 2'81 3'20 3'92	+ 2'27 + 2'05 + 4'51 + 1'06 - 0'02 + 3'47 + 0'04 + 0'41	28'98 26'42 31'54 21'80 12'58 30'09 22'61	20'41 19'41 21'21 18'56 14'13 22'39 24'34 25'69	+ 42 + 36 + 49 + 17 - 11 + 37 + 15
Punjab	26. South-East Punjab 27. South do. 28. Central do. 29. Punjab Submontane 30. Do. Hills 31. North Punjab 32. West do.	0°26 0 0 0°10 6°20 0°99	1'47 1'21 1'45 2'14 5'39 1'39	- 1'21 - 1'45 - 2'04 + 0'81 - 0'40 - 0'41	10°19 7°48 9°09 15°04 35°32 10°18 3°48	12:59 8:37 8:86 15:01 38:11 7:41 3:99	- 19 - 11 + 13 - 7 + 37 - 13
BOMBAY AND MALABAR COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central . 35. Coorg . 36. Mysore . 37. Konkan . 38. Bombay Deccan . 39. Hyderabad North . 40. Khandesh .	2°16 0°18 2'46 0'73 4'09 1'02	4'73 1'20 5:88 1'36 5'92 1'04	- 2'57 - 1'02 - 3'42 - 0'63 - 1'83 - 0'02	.70°14 8°97 59°80 10°31 80°60 19°23	75.76 13.76 79.36 15.92 80.81 15.09	- 7 - 42 - 25 - 31 + 11 + 27
CENTRAL PROVINCES	41. Berar 42. Central Provinces West 43. Do. do. Central 44. Do. do. East	0'55 0'39 1'34 6'01	1.87 1.87 3.20 3.54	- 1.32 - 1.48 - 1.86 + 2.47	18.13 23.48 34.59 32.32	32.08	- 16 + 1 + 6 + 8
BOMBAY (NORTH)	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	0'35	2°12 0°98 0°46 0°26	- 1.77 - 0.96 - 0.46 - 0.26	8·47 3·56	13°41 3°58	
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, India West. 51. West Rajputana	0.30	2.19	- 0.65	13.55	16'62	- 20
Madras	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0.62 1.70 0.56 0.32 0.32	4°27 1°36 1°19 0°91 1°18	- 0'80 - 0'80 - 0'50 - 1'00	19'40 14'83 5'84 9 8'51 4 5'12	32'46 32'11 7'99 8'17 7'4'	- 4 + 2 - 2 + 3

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GOVERNMENT OF INDIA.

DBPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.-For week ending 13th August.-The rainfall was good in South Canara and in parts of the Circars; moderate in Malabar; light in the remainder of the Circars, the Deccan, and the Carnatic, but there was little or no rain in the Central and Southern districts. The continued holding off of rain, especially in parts of the Deccan, the Carnatic and the Central districts, is becoming serious and almost throughout the Presidency more rain is urgently wanted. Supplies under the Godavari, Kistna, Cauveri, and Periyar systems are ample, but elsewhere water is getting scarce for irrigation. Agricultural operations are greatly retarded in the Deccan, the Central and Southern districts, and in parts of the Carnatic, but are progressing elsewhere. The standing crops are good in the Circars and on the West Coast and in parts of the Carnatic and the Deccan; elsewhere they are suffering where not irrigated. Pasture is scarce in many places and fodder is growing dear. Cattle are in fair condition generally, but are indifferent in parts. Prices are dearer in the Deccan and in some Central and Southern districts; elsewhere they are almost stationary. The numbers on relief in Nellore were: --workers-216 men, 209 women, 71 children; total 496. Dependants-fed at kitchens-one woman and 27 children. Grand total 524. Loans disbursed during the week Rs. 808.

Bombay.—For week ending 17th August.—There was rain in all districts of the Presidency Proper during the week; the fall was good in the Konkan; elsewhere it was moderate or slight. More rain is wanted in the East Deccan and Karnatak and in parts of Gujarat and Kathiawar. The crops are withering in parts of Sholapur, Bijapur, Belgaum, and Dharwar; have been damaged by blight in three talukas of Bijapur; and by locusts in one of Karachi and four of Belgaum. The supply of water in the Canals is deficient in parts of Sind and crops are suffering in Shikarpur. The sowing of early crops continues in five, transplantation in two, and preparations for late crops in four districts. Fodder is sufficient except in parts of Hyderabad. Agricultural stock is healthy. Prices have fallen in seven districts and risen in one; elsewhere they are practically stationary. The price of jowari in Sholapur was-163 seers per rupee. The average number of relief workers was—Sholapur—14,074, of whom 4,348 are men, 7,825 women, and 1,891 children. On gratuitous relief-Sholapur-5,341, of whom 2,145 are men, 2,180 women, and 1,016 children. On test works-Poona-2,172, of whom 802 are men, 939 women, and 431 children.

Bengal.—For week ending 15th August.—There was good and general rain during the week which has improved the prospects of the winter rice and transplantation is now going on everywhere. More rain is, however, still required in some districts. The reports of the early rice, jute and other autumn crops and of sugarcane and indigo continue favourable. The harvesting of early rice and jute is progressing and the manufacturing of indigo has begun. Prices generally were stationary. Fodder is available everywhere.

North-Western Provinces and Oudh.—For week ending 17th August.—In some of the Western districts the rainfall is reported inadequate; in most districts it has been sufficient but in a few a break is needed. Weeding and transplantation of rice are in progress. The standing crops are doing well and prospects are favourable. Fields are being prepared for the spring crop sowings. Supplies and fodder are abundant. Prices are stationary to falling.

Punjab.-For week ending 17th August.-Slight rain has fallen in paics of the Umballa, Sialkot, Shahpur and Rawalpindi districts; a fall of above 6 inches is reported from Murree. Sowings of the autumn crops are still in progress and ploughings for spring crops have commenced in some districts. The condition and prospects of the standing crop are generally reported good. The crops on dry lands are withering for want of rain, which is urgently required in most districts. Locusts appeared in Umballa, Multan, Rawalpindi, Delhi, Jullundur, Peshawar, and parts of Lahore and Shahpur and laid eggs in the Delhi district, where prompt measures have been taken for their destruction. No serious damage is reported from any district. Maize has been slightly injured by recent rains on certain low lying lands in Sialkot. Cattle are generally in good condition. Fodder is sufficient in all districts, except in one tahsil of Dera Ismail Khan. Prices are generally rising, a fall being reported from Umballa only; they are unchanged in Multan and Dera Ismail Khan. Wheat is selling from 14 to 23, gram 18 to 223, barley 28 to 30, bulrush-millet 16 to 26, maize 18 to 29, great-millet 26, and rice $9\frac{1}{2}$ to 11 seers per rupee.

Central Provinces.—For week ending 17th August.—The weather has been more or less showery; the rainfall has been heavy in Balaghat, Rajpur, and Sambalpur; moderate in the Northern districts; and light elsewhere. The prospects of the standing crops are generally favourable; insects, however, are reported to be doing damage to the rice crop in the Janjgir tehsil of the Bilaspur district. Weeding operations are impeded in Mandla, Narsinghpur, and in parts of Damoh, and a break would be of great benefit. Transplantation of rice is completed in Seoni and continues in the other districts. Land being prepared for winter sowings in a few districts. Prices of rice and grain fluctuate within narrow limits, but those of wheat and juar show a general tendency to fall. The cheapest prices are—wheat 17, gram 32, rice 17, and juar 28 seers per rupee. In Saugor and Balaghat wheat is selling under 12 seers per rupee; and Narsinghpur is the only district where rice is selling under 10 seers per rupee.

Burma.—For week ending 13th August.—In Lower Burma agricultural operations are in progress, and prospects are good. In Upper Burma prospects continue unfavourable in Shwebo; destruction of young crops by drought is reported from Shwebo and from part of Mandalay, where the rainfall has been almost nil, and slight destruction from Lower Chindwin where rainfall has been very small. More rain is also wanted in parts of Magwe, Meiktila, Myingyan, Thayetmyo, the Ruby Mines district and Sagaing. General prospects are, however, not unfavourable in most districts. The price of paddy has fallen considerably in Thayetmyo; and risen considerably in Upper Chindwin; elsewhere it is stationary.

Assam.—For week ending 16th August.—The weather continues hot. More rain is wanted in Sylhet, Goalpara, and Nowgong. Harvesting of early and transplanting of late rice are in progress. Prospects of early rice are good

in Goalpara and Lakhimpur; and fair in other districts. Jute promises well. The condition of sugarcane and prospects of tea are generally good. Prices—common rice—Silchar 10½ to 10½; Sylhet 11 seers 7 chittacks; Dhubri 12; Tezpur 9; Nowgong 8; Sibsagar and Dibrugarh 10 seers per rupee.

Mysore and Coorg.—For week ending 17th August.—MYSORE: Rainfall 20 cents in Civil and Military Station and good rain in parts of Kadur and Shimoga. Rain is much needed in the Province. Crops are withering for want of rain in the Hassan district. Prices have slightly risen in Mysore, Hassan, and Kadur districts. Ragi (Eleusine coracana) has been sown in six districts.

COORG: Rainfall 4 inches 49 cents. Transplanting of rice continues. Prices of food-grains are stationary. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 17th August.—BERAR: The weather is cool and cloudy. The standing crops are in good condition throughout the Province. Sowings are nearing completion and weeding operations are in progress. An insufficiency of fodder prevails in two talukas of the Amraoti district. The water-supply is adequate. Prices are fluctuating in Buldana and Wun; otherwise they are stationary.

HYDERABAD: Rainfall during the week 37 cents. The weeding of autumn crops is going on in parts and rice sowing continues. More rain is wanted for autumn crops and rice sowings in Lingsagar and Raichur districts. Prices of grain are falling in parts. Prices—wheat 7½, coarse rice 8 and jowars 15 seers per current sicca rupee.

Central India.—For week ending 17th August.—Rain fell during the week throughout Central India. The fall has been more than sufficient in Baghelkhand, but insufficient in the Malwa Agency. Agricultural operations are in progress everywhere. Standing crops, agricultural stock, and pasturage are in good condition. Prices are rising slightly in Bundelkhand and Malwa; falling in Baghelkhand; and are steady elsewhere.

Rajputana.—For week ending 17th August.—Rainfall—nearly 2 inches in Dholepore and a few cents in Abu, Kherwara, Pertabgarh, Kerowli, Bhurtpore, and Bikanir. Rain is badly needed in most parts of Rajputana. Agricultural operations are generally satisfactory so far and the state of the growing crops is fair where sufficient rain has fallen; but they are withering in Kherwara and in parts of Meywar and Haraoti. Cotton and grass are also suffering in Kotah and elsewhere for want of rain. Prospects are unfavourable in Ajmere-Merwara. Insects are damaging jowar in Chipa and Barodi in Jhallawar. Locusts passed over two tehsils of Kerowli and slightly damaged crops in four tehsils of Ulwar. Agricultural stock is generally in good condition. Fodder is available generally, but is insufficient in parts of Kotah; failing in Ajmere-Merwara and is scarce in parts of Meywar and Haraoti. Prices are rising in six States; falling in two; and are steady elsewhere. Much now depends on a general fall of rain within the next few days.

Kashmir.—For week ending 16th August.—The weather is fine. Spring crop reaping is still in progress. The standing autumn crops are in good condition. Prices continue normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 17th August.—No rain during the week. Prices are stationary. Sowing of autumn crops is in progress and the condition of the standing crops is good. Fodder is sufficient. Maize—20 seers per rupee.

Nepal.—For week ending 13th August.—Rainfall 269 inches. The weather continues seasonable. Crop prospects are good. Rice—8 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

		Pı	RECEDING WE	EK.	P	RESENT WEEL	K.	Increase
NAME	or Provinca.	Relief works.	Gratuitous relief.	Total.	Relief works.	Gratuitous relief.	TOTAL.	decrease
Madras	a a	544	29	573	496	28	524	— 49
Bombay	• •	16,164	5,435	21,599	16,246	5,341	21,587	- 12
	TOTAL	16,708	5,464	22,172	16,742	5,369	22,111	— 61

'T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

No. 3-66-2.

Extract from the Proceedings of the Government of India in the Department of Revenue and Agriculture (Land-Surveys),—dated Simla, the 17th August, 1898.

Read-

The General Report on the operations of the Survey of India Department during the year 1896-97.

RESOLUTION.

The field operations of the Survey of India Department for the year ending 30th September 1897 were carried on by twenty-one parties and one detachment.

The various classes of work on which these parties and the detachment were engaged are shown below:

				-	Number of parties employed.	Number of detachments employed.
				•		
1. Trigonometrical		6 4 6			r	***
2. Topographical	4 0 0		• • •		6	•••
3. Traverse	• • •	***			2	***
4. Topographical and	Traverse	4 0 0	9 p q	***	1	
Forests (excluding	Forest Su	rvey Branch)	• • •		5	
5. Cadastral	6 6 6	* > 0	B 0 0		3	1
7. Scientific	• • •	4 ● ●	• • •	• • •	3	
	Ŀ					
			TOTAL	***	21	I

Thus ten whole parties, a portion of another party, and a detachment were employed on remunerative work connected with land and forest revenue, as compared with eleven parties and two detachments so employed in 1895-96.

2. The aggregate area surveyed on all scales during the year was 104,987 square miles, against 63,653 square miles in 1895-96, an increase of 41,334 square miles, due to the large amount of reconnaissance completed in Upper Burma and elsewhere.

- 3. The party employed on trigonometrical operations continued the principal triangulation of the Makrán Longitudinal Series from Kuliri and Piaro in Longitude 66° 30' westwards over a direct distance of about 75 miles, comprising 3 figures and embracing an area of 1,380 square miles.
- 4. Topographical operations were carried on in Upper Burma, Sindh, Baluchistan and the Himalayas and also in portions of Assam, Burma, Bengal and the Punjab. The survey of the Layari quarter of Kurrachee on the scale of 80 feet = 1 inch was completed, while the large scale (48 inches = 1 mile) survey of the town of Nahan in the Punjab was begun. The total area topographically surveyed was 14.460 square miles against 19,798 square miles in the previous year. The decrease is due to the fact that the ½-inch survey of No. 15 Party was almost finished last year and consequently only 700 square miles were executed against 11,307 in that year.
- 5. Forest surveys were continued in the Central Provinces, the Bombay and Madras Presidencies and in Lower Burma.

In the Central Provinces the detail survey of the forests in the Damoh District was brought to a close, while operations were begun in the district of Bilaspur, and in the Bombay Presidency the 4-inch detail survey in the Poona District was completed. In the Madras Presidency the outturn of work was short, but this was due to the inexperience in topographical work of a traverse party transferred from the Central Provinces. In Lower Burma 395 square miles on the 4-inch scale and 106 square miles on the 2-inch scale were completed in the Toungoo District. The Himalaya Party also surveyed an area of 191 square miles on the 4-inch scale in Sirmur, Patiala, Kullu and Kangra. The Forest Survey Branch continued operations in the Central Provinces, the Punjab and Burma and in addition started a new survey in the Ruby Mines District. The outturn of work for the past two years is given below:

			1895-96.	1896-97.
(1)	Imperial Parties	 	 3,202	3,260
, ,	Forest Survey Branch	 •••	 1,712	1,563

The decrease under (2) is not explained.

The cost rate in the Central Provinces has been reduced, whilst for Bombay and Lower Burma there is a slight increase. In Madras the increase has been considerable, but this was due to exceptional circumstances which are fully explained in the report.

6. Cadastral operations by Imperial parties were carried on by one party and one detachment in Bengal, one party in Upper Burma, one party in Lower Burma and by local agency in the North-Western Provinces and Oudh under the general superintendence of the Deputy Surveyor-General, Revenue Branch. Owing to the famine it was found necessary to modify the programme in Bengal. In Burma the survey of the Town of Rangoon was completed. The local agency in the North-Western Provinces and Oudh completed the survey and record writing of the Meerut District and of the Lalitpur Subdivision. The total area surveyed in the different Provinces amounted to 7,190 square miles, of which 4,225 square miles in the North-Western Provinces and Oudh were executed by local agency. The decrease in the total area

completed as compared with last year's return (8,609 square miles) is due to the curtailment of the programme in Bengal on account of famine and a similar curtailment in Burma, where survey operations had outstripped the settlement work.

- 7. Two parties were employed on traverse operations in the North-Western Provinces and Oudh and one party in Assam. The total area traversed during the year was 6,135 square miles compared with 9,089 square miles in the previous year. The decrease is apparently due to the reduction of the number of traverse parties from three to two during the year.
- 8. Observations were taken during the year for redetermining the value of the latitude of Madras and the result combined with a value obtained by Mr. Michie Smith, the Government Astronomer, Madras, and two previous values gave a mean value for Madras of 13° 4′.8" '02 north latitude.
- 9. Tidal observations with self-registering tide gauges were continued by one party at twelve stations in India, Burma, the Persian Gulf, the Andaman Islands and the Red Sea. It is intended to discontinue the series of observations at Muscat and Bushire and to open new observatories at Perim, Porbandar and Port Albert Victor. Spirit-levelling was continued from Potanghi to Vizianagram and from Bilaspur to Katni within 150 miles of the terminus at Allahabad, giving a total outturn of 2913 miles of double levelling.
- 10. In Upper Burma an area of 11,718 square miles was geographically surveyed, while 2,000 square miles of triangulation were also completed. The aggregate areas geographically surveyed during the year on the Eastern and Western Frontiers amounted to 78,718 square miles.
- 11. The work done in the various head-quarters offices has been satisfactory. In the Drawing Section progress has been made in the completion of the maps of the North-Eastern and South-Eastern Frontiers. The general maps of India on various scales have received additions and corrections, and the second edition of the 32-mile map of India has as far as possible been brought up to date. A new canal map of India on the 32-mile scale and also a railway map of India on the 48-mile scale are in course of publication. The provincial maps on the 16-mile scale and 58 Atlas sheets have been revised, while 5,493 cadastral sheets have been prepared for publication.
- 12. In the Engraving Office the preparation of the quarter sheets of the Atlas of India was continued, and fourteen district maps for administration reports, the index to the standard sheets of the Bombay Presidency, a new weather chart and the provincial map on the 16-mile scale of Mysore and Coorg with hills were completed. Progress was also made in the completion of the provincial maps of Bengal, Bombay, Madras, Assam, Central India Agency, Rajputana and Mysore (without hills).
- 13. In the Photographic and Lithographic Office the outturn of work was again satisfactory, and, though there was a slight falling off in the amount of work done for other Departments and the total value of the work, the number of original subjects dealt with showed a considerable increase. The progress made in the Heliogravure Section, more especially in the production

of half tone and line blocks for machine printing, is very creditable. Arrangements were made by this office to obtain photographs of the corona at the solar total eclipse.

- 14. The total number of maps issued from the Map Record and Issue Office was 207,330 and the value Rs. 1,57,927, an increase of 6,914 in number and Rs. 51,225 in value over the figures of 1895-96.
- 15. There was a decrease of nearly a lakh of rupees in the value of instruments issued from the Mathematical Instrument Office, due mainly to a smaller demand on account of railways and other large works. The number of instruments rendered serviceable, however, showed an increase of 9,310 in number and Rs. 5,130 in value. The conversion of repairable instruments into serviceable ones has been the means of reducing the amount of the indents for instruments manufactured in England from over £13,000 in 1893-94 to less than £4,000 in 1897-98.
- 16. The Survey Training School established at Dehra in June 1896 for training surveyors in field work before being attached to survey parties has given satisfactory results.
- 17. The Survey of India Department continued throughout the year under the administration of Major-General Strahan, and the Government of India desire to acknowledge his efficient management of the Department and the value of the work done in all Branches.

ORDER.—Ordered that the above Resolution be forwarded to the Surveyor
General of India, the Inspector-General of Forests, the Local Governments and Administrations noted on the margin, and to the Foreign, Military and Public Works

Departments.

Ordered also that this Resolution be published in the Supplement to the Gasette of India.

[True Extract.]

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Note.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and atter Summary in the Gasette of India.

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons ruitously relieved in poor-houses or at their homes.

No.	Name of Province and District.	FOR THE WEEK ENDING THE 23RD JULY 1898.			FOR THE WEEK ENDING THE 30TH JULY 1898.			FOR THE WEEK ENDING THE 6TH AUGUST 1898.			FOR THE WEEK ENDING THE 13TH AUGUST 1898.		
		Relief works.	Gra- tuitous relief.	TOPAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
1	Madras.	783	19	802	6 65	* 28	693	667	40	707	544	29	573
	TOTAL MADRAS .	783	19	802	665	28	693	667	40	707	544	29	573
	Bombay.	. 0-6	49	18,324		4,834	19,391	13,896	4,997	18.803	13,014	5.435	19,349
2	Poena	2,339	4,498	2,339	2,454	4,034	9,454	2,273		2,273	2,351		2,351
	TOTAL BOMBAY .	16,165	4.498	20,663	17,011	4,834	21,845	16,169	4:997	21,166	16,265	5.435	21,700
	GRAND TOTAL FOR ALL PROVINCES.	16,948	4,517	21,465	17,676	4,862	22,538	16, 836	5.037	21,873	16,809	5.464	22,273

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, wally show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

Dated 19th August, 1898.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JULY TO 7TR
AUGUST 1897, AND FROM 1ST JULY TO 6TH AUGUST 1898.

N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

	Average	A I	K ENDING 7			K ENDING 6 GUST 1898.		Earnings,	Earnings		
	per mile per week		Earning	78.		Earnin	gs.	from lat	from 1st July to	Increase.	Decrease
BAILWAY.	during the 2nd-	Mean mileage		pile n.	Mean milongo		er mile		6th August	220000000	TOGE GOT DO
	half of 1897.	worked.	TOTAL.	Per mile open.	worked.	TOTAL.	Per				
State Lines worked by companies.	Re.	Milos.	Rs.	Re.	Miles.	Rs.	Rs.	Re.	Re.	.17	Ra.
Standard gauge—	629	1,737	11,04,358 16,839	686 135	1,740 125	10,50.000 16,400	603 131	55,72,849 87,541	55,89,000 88,200	16,151 659	9.66
Bengal-Nágpur	210 116	125 862	79,329	92	962	81,000 75,800	84 95	4,82,321 6,06,963	4,27,000 4,78,000	.,,	53,321
Indian Midland (including Bhopal-Itársi) Bezwada Extn. (East Coast Stato) Madras-Ennur seo. (Bezwada-Mad.)	145 150 133	752 21 9	1,04,886 3,689 1,020	139 176 114	* 800 21 9	3,700 700	176 78	18,191 5,868	16,200 4,100	***	1,28,963 1,961 1,763
Metro gauge— Rajputana-Malwa (incldg. GRNágdá).	196	1,815	3,50,208	193	1,815	2,93,000	161	17,73,485	17,62,000	****	11,485
Palanpur-Deema South Indian Mayavaram-Mutupet	168 95	1,042 54	1,64,342 4,423	37 158 82	17 1,042 53	3,800	35 141 70	2,838 9,40,784 29,234	3,300 8,38,000 25,000	462	1,02,784
Southern Mahratta (including Guntakal- Mysore Frontier section) Mysore section (Southern Mahratta)	110 127	1,165 296	1,49,117 40,681	128 137	1,165 296	1,00,000 23,400	86 79	8,77,620 2,24,431	5,75,900 1,39,000	864	3,02,620 85,431
Bengal and North-Western (including Tirhoot section)	126	815	1,06,871	131	924	1,15,000	124	5,65,753	6,64,000	98,247	200
Assam-Bengal	69	200 238	10,758 10,670	54 45	200 293	12,4 0 0 24,300	62 83	58,963 51,900	75,500 1,23,000	16,537 71,100	004
Burma Toral .	· 153	888 10,036	1,15,942 22,63,771	131 226	10,399	1.23,000	131	6,58,620	7,49,000	90,380	4,01,001
State Lines worked by the State.	2007	10,030			20,000	40,10,100		1,20,07,002	1,10,00,000		
North Western (a) Oudh and Robilkhand (including the		2,885	6,37,422	221	2,885	5,51,000	191	31,14,603	32,67,000	1,52,397	199
Eastern Bongal (incldg. metre & 2' 6")	177 411	875 817	1,31,718 2,29,027	151 280	1,018 818	1,58,000 2,10,000	257	7,31,478 11,83,835	8,83,000 11,04,000	1,51,522	29,825
Enst Conet	104	538	58,405	109	588	36,300	67	3,15,587	2,24,000	804	91,587
Jorhát Cherra-Companyganj	67	25	2,038	81	25	1,700 (b)	68	10,096	10,800 (b)	704	411
Lines worked by guaranteed cos. Standard gauge—	243	5,140	10,58,600	206	5,279	9,57,000	181	53,05,599	54,88,800	1,83,201	***
Great Indian Peninsula (c) Bombay, Baroda and Central India	328 507	1,491 461	4,51,007 2,15,432	302 467	4,491 461	3,87,000 1,97,000	260 427	23,56,160 12,60,779	22,72,000 11,41,000	400	84.169 1,19,779
Madras	260	840	2,26,232	269	840	2,07,000	246	12,51,317	11,63,000		88,317
TOTAL (GUARANTERD AND STATE)	337 250	2,792 17,968	8,92,701 42,75,072	285	2,702	7,91,000 38,18,100	$-\frac{283}{207}$	48,68,256	45,76,000 2,16,21,100	***	2,92,276 5,10,176
Assisted companies.	200										
Delhi-Umballa-Kalka Tarkessur	212 232	160 22	41,703 4,951	261 225	162 22	21,300 4,800	131 218	1,42,429 29,399	1,19,000 26,500	***	23,100 2,899
Southern Punjab (Delhi-Samásata) .	35	111	10.		400	24,400	61		1,49,000	1,40,000	(0)
Metre gauge— Rohilkhand and Kumaon (Co,'s soc.) .		66	7.723	117 202	66	7,900	120	37,408	42,000 28,800	4,592	
Bengal Dooars . Dibru-Sadiya	600	36 78	7,299 16,098	2 6	36 78	5,700 15,800	158 203	28,184 77,583	91,400	616 13,817	691 604
Ahmodabad-Parantij	44	41	1,727	42	55	1,800	33	11,277	13,000	1,723	411
Durjoeling-Himalayan Barsi	300	51 21	15,650 1,575	307	51 21	13,000 1,200	255	82,753 9 521	73,000 5,900		9,753 3,621
TOTAL	156	475	96,719	201	891	95,900	108	4,18,554	5,48,600		
Lines owned by native states and worked by other agencies. Standard gauge -			000	100		9 000	000	0.083	0.000	0.900	
Bina Goona Bhopal-Ujjain	. 52	74 114	909 4,809	12 28	74 114	1,600 5,900	22 52	6,671 25,974	9,000 43,460	2,329 17,426	(64 684
Nagdi-Ujjain The Nizam's guaranteed state	. 42 213	35 384	1,041 68,694	30 296	35	1,500 69,400	208	7,353 3,53,146	9,400 3,44,000	2,047	9,146
The Grekwar's Petlad	. 86 106	108	980 11,779	75	18 108	10,500	69 97	5,361 54,108	5,300 62,700	8,592	611
Kolar Gold-fields	423	10	3,734	373	10	3,900	390	21,163	22,900	1,737	901
Yesvantpur-Mysore Frontier section (in-		00	6 140	99	00	4 000	OF.	89,436	00.000		16,136
cluding Mysore-Nanjangud). The Gackwar's Mehsana	93	93	6,540 5,072	55	93	4,800 5,300	65 57	27,530	28,300 29,300	130	3,609
Kolhapur Special gauges	49	29	1,779	63	29	1,300	45	11,960	8,300	1	
The Gackwar's Dabhoi	43 12	79 19	3,182 169	40	79 19	2,200 100	28	17,658 1,097	18,000	342	397
Gooch Behar	115	996	-1,088 1,07,100	-49 108	996	700	32	631	4,100	8,469	549
Lines owned & worked by n. states.		130	1,07,100	100	17/10	1,07,000	105	5,72,097	5,80,400	8,303	
Metra gauge— Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot	84	334 46	22,965 8,515	69 76	384 46	17,800 2,600	53 57	1,25,750 16,990	1,05,000 14,800	500	20,750
Jámnagar	39	51	1,979	39	34 21	1,600 700	30	9,685	9,000 4,500	4,500	683
Jodhpore-Bickaneer	100	364	15,150	42	405	16,000	40	1,11,028	1,05,000		6,029
Oodernore, Chitan		(20)	12 344141	1997	AZA b						
Oodeypore-Chitor	39	60	2,366	39	60	2,700	45	11,457	14,400	2,943	
		94 949	2,366 6,378 52 353	68	94	6,300 47,700	67	32,910 3,07,820	30,300	2,943	24,890 3,96,587

 ⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khange and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XVII or 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN BAILWAYS.

•	Average	WEI	UGUAT 189	7TH	WEE	K ENDING JGUST 1898	бтн	Earnings	Enmines		
RAILWAY.	per mile		Earni			Earnin	iga.	from let	Farnings from 1st		
•	week in 1897-98.	mileage		Per mile open.	Mean mileage worked.	TOTAL.	Per mile open.	April to 7th August 1897.	April to 6th August 1898.	Increase.	Docress
State M is worked by companies.	Re.	Miles.	Ra.	Ra.	Miles.	Ru,	Rs.	Ra.	p.		
East Iudian Bongal Contral Bengal-Nágpur Indian Midland (including Bhopal-Itársi) Bezwada Extn. (East Coast Stato) Madras-Ennúr soc. (Bezwada-Mad.) Matra gauge—	183	1,737 125 862 752 21 9	11,04,358 16,839 79,329 1,04,886 3,689 1,020	135 92 139	1,740 125 962 800 21	10,50,000 16,400 81,000 75,800 3,700 700	603 131 84 95 176 78	2,04,48,630 3,12,617 21,39,246 22,35,393 52,815 22,255	Re. 2,11,28,000 3,47,000 25,52,000 23,36,000 69,100 16,800	Re. 6,84,370 34,383 4,12,754 1,00,607 16,285	Re.
Rajpufana-Malwa (incldg. GRNágdá) Pálanpur-Deesa South Indian Máyavaram-Mutupet Southern Mahratta (including Guntakal-	210 44 166 92	1,815 17 1,042 54	3,50,208 629 1,64,342 4,423	193 37 158 82	1,815 17 1,042 54	2,93,000 600 1,47,000 3,800	161 85 141 70	69,53,508 16,965 33,90,987 1,00,295	87,52,000 13,200 31,67,000 93,100	17,98,497	3,76 2,23,98
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	113 123	1,165 296	1,49,117 40,681	128 137	1,165 296	1,00,000 28,400	86 79	30,13,925 7,37,081	22,94,000 5,48,000	***	7,19 7,19,92 1,89,08
Tirhoot section) Lucknow-Barcilly Assam-Bengal Burma TOTAL State lines worked by the State.	147 81 73 186 243	815 200 238 888 10,036	1,06,871 10,758 10,670 1,15,942 22,63,771	181 54 45 131 226	924 200 293 936 10,399	1,15,000 12,400 24,300 1,23,000 20,70,100	124 62 83 131	24,06,397 3,21,263 2,95,708 29,17,934 4,53,60,014	25,17,000 4,94,000 4,53,000 29,62,000 4,76,52,200	1,10,603 82,737 1,57,292 44,066 22,92,186	0 0 0 2 0 0 0 0 0
Standard yauge — North Western (a) Oudh and Rohilkhand (including the	236	2,885	6,37,422	221	2,885	5,51,000	191	1,03,22,720	1,47,62,000	44,39,280	***
matre gange link) Eastern Bengal (incldg. metre & 2'6") East Coast Special gauges—	195 362 106	875 817 538	1,31,718 2,29,027 58,405	151 280 109	1,013 818 538	1,58,000 2,10,000 36,300	156 257 67	31,52,828 40,16,355 10,04,298	37,57,000 40,72,000 10,16,000	6,04,172 55,645 11,702	***
Jorhat Cherra-Companyganj Total	69 44 235	5,140	2,028 10,58,600	81 206	25 5,279	1,700 (b) 9,57,000	68	37,341 (c) 2,945 1,85,36,487	30,700 (d) 1,400 2,36,89,100	51,02,613	6,641 1,548
Lines worked by guaranteed cos. standard gaugs— Groat Indian Peninsula (e) Bombay, Baroda and Central India Madras	381 586 261	1,491 461 840	4,51,007 2,15,462 2,26,282	302 467 269	1,491 461 840	8,87,000 1,97,000 2,07,000	260 427 246	98,18,600 58,71,441 - 42,52,587	1,27,40,000 68,81,000 40,67,000	29,21,391 10,09,559	1,85,58
TOTAL (GUARANTEED AND STATE) Assisted companies.	262	2,792 17,968	8,92,701 \$2,15,072	320 235	2,792	7,: 1,000 38,18,100	283	1,99,42,687 8,88,89,188	2,36,88,000 9,49,79,300	37,45,363 1,11,40,162	040
tandard gauge— Delhi-Umballa-Kalka Tarkessur Southern Punjab (Delhi-Samasata).	207 278 42	160 22	41,703 4,954	261 225	162 22 400	21,300 4,800 24,400	131 218 61	4,90,028 1,20,305	5,46,000 ,1,18,000 7,12,000	55,872 7,12,00e	2,305
Rohilkhand and Kumaon (Co.'s seo.) Bengal Docars Dibru-Sadiya Ahmedabad-Parantij	121 149 198 45	66 36 78 41	7,723 7,289 16,098 1,727	117 202 206 42	66 36 78 55	7,900 5,700 15,800 1,860	120 158 203 33	1,46,413 86,581 2,83,432 (f) 27,668	1,81,000 79,800 2,90,000 65,300	34,587 6,568 37,632	6,781
Darjeeling-Himalayau Bársi	274 125	51 21 475	15,650 1,575 96,719	307 75 204	51 21	13,000 1,200	255 57	2,72,846 58,814	2,79,000 49,600	6,154	4.214
Lines owned by native states and worked by other agencies.		*	00,710	201	891	93,900	108	14,51,087	23,20,7(0	8,39,613	***
Mina-Goona Bhopal-Ujjain Nágdá-Ujjain The Nizam's Guaranteed State The Gaekwar's Petlád Rájpura-Bhátinda Kolar Gold-fields Metre gauga— Yesvantpur-Mysore Prontier section	26 61 60 211 84 122 402	74 114 35 334 13 108 10	909 4,809 1,041 68,694 980 11,779 3,784	12 38 30 206 75 109 878	74 114 35 334 13 108 10	1,600 5,900 1,500 69,400 900 10;500 3,900	22 52 43 208 69 97 390	39,616 1,26,267 46,941 12,01,830 27,493 2,67,395 68,026	38,200 1,58,000 52,700 14,13,000 20,600 2,60,000 74,800	31,733 5,759 2,11,170 6,774	• 1,416 6,893 7,595
cluding Mysore-Nanjangúd) Tha Gue, yr s Mehsans Kolhápul	84 71 57	66 93 29	6,540 5,072 1,779	99 55 61	66 93 29	4,300 5,300 1,300	65 57 45	1,14,670 1,35,134 43,470	88,700 1,33,000 31,400	***	25,970 2,184 12,070
The Gackwar's Dabhoi Bajuipla Cooch Behar Total	51 11 54 120	79 19 22	3,182 169 	40 9 -49	79 19 22	2,200 100 700	28 5 32	90,085 1,097 17,967	86,500 4,100 20,600	3,003 2,633	3,585
lanes owned & worked by n. states. Herr gauge Bháynagar-Gondal-Junágad-Porbandar Jetalear-Rájkot	97 82	394	22,965 3,515	69	334	17,800	108	\$1,80,191 6,81,272	7,78,000	96,728	****
Jamnagar Uhrángádrá Jodhpore-Bickaneer Oddavnom Chitan	88 62 38	51 364 60	1,979	39	46 54 21 405	2,600 1,600 700 16,000	57 80 83 40	70,628 (g) 39,718 4,52,935	68,200 40,400 (h) 6,600 4,39,000	682	2,428
Pecial gauge — Morvi Total .	83	94	2,366 6,878 52,353	39 68 55	94	6.300 47,700	45 67 47	1,42,160 14,30,141	54,400 1,57,000	10,972	***
GRAND TOTAL .	243		4,71,244			0,69,300			15,43,000 0,12,24,600 1,	1 12,859 22,94,043	000

⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
(b) Closed for traffic.
(c) From 1st April to 15th May 1897.
(d) From 1st April to 14th May 1898.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From 1st May to 7th August 1897.

(g) From 3th April to 7th August 1897.

(h) From 1st June to 6th August 1898.

d for the Government of India at the Government, Central Printing Office, Simia.



SUPPLEMENT TO

The Gazette of India.

No. 35.} CALCUTTA, SATURDAY, AUGUST 27, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette of India may deem to be of interest to the Public, and such as may usefully be made information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Pedates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rubees for annum if delivered in Calcutta, or eight Rubees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rubees size per annum if delivered in Calcutta or Rubees mine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

No. 400 C. W. I.

GOVERNMENT OF INDIA.

PUBLIO WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

Simla, the 18th August 1898.

Review of the Revenue and Expenditure recorded under the head "Irrigation Works" in the Accounts of the Government of India for 1896-97.

READ-

Note by A. R. Becher, Esq., Accountant General, Public Works Department, upon the accounts of Revenue and Expenditure of Irrigation Works in India for 1896-97.

OBSERVATIONS.—The Irrigation Works in India are divided into two main classes, Major Works and Minor Works. Major Works are subdivided into—

- (a) Productive Works, the Capital of which is provided from borrowed money.
- (b) Protective Works, designed as a protection against famine, the Capital of which is provided from the Famine Fund.

Capital and Revenue Accounts are kept for all Major Works.

Minor Works are constructed from funds provided out of the General Revenues of India and are subdivided into—

- (a) Works for which both Capital and Revenue Accounts are kept.
- (b) Works for which only Revenue Accounts are kept.
- (c) Works for which neither Capital nor Revenue Accounts are kept.

PRODUCTIVE WORKS.

2. There are altogether 41 projects, which were sanctioned as Productive Works, but the construction of eleven of them (the Orissa, Sone and Midnapur irrigation projects and the Hijili Tidal Canal, in Bengal, and the seven irrigation works in the Deccan and Gujarat) was undertaken prior to the

introduction of the rules now in force laying down the conditions which must be fulfilled before a work can be classed as Productive, and, as they are not expected to repay the accumulated interest charges on the Capital invested in them the current expenditure against their Capital Account is provided out of the General Revenues. In addition to these eleven works there are two projects in Madras, the Karnul Canal which was purchased from the Madras Irrigation and Canal Company in 1882 and the Barur Tank, which have both proved financial failures, and their current expenditure is accordingly no longer met from borrowed money. There remain 28 projects which either are actually remunerative, or are likely eventually to become so. Of these only 21 are actually in operation, the remaining seven being under construction. The financial results obtained during and up to the end of the year from |works in operation may, therefore, be stated as follows for the Productive Works:—

Productive works.	Number of works.	Capital outlay to end of 1896-97.	Net revenue in 1896-97.	Return on Capital Outlay.	Accumulated net revenue up to end of 1896-97.	Accumulated interest charges on Capital Outlay to end of 1896-97.	Surplus Revenue up to end of 1896-97.
		Rx.	Rx.	Per cent.	Rx.	Bx.	Rx.
Works sanctioned as productive but not productive according to definition now in force.	13	9,723,675	74,541	0.77	153,412	7,608,208	—7,454,79 6
Works which are actually productive according to definition now in force.	21	21,099,935	1,909,756	9.05	29,238,181	16,937,114	12,301,067
TOTAL .	84	30,823,610	1,984,297	6:44	29,891,598	24,545,322	4,846,271

It will be observed from these figures that the total loss on those Major Works, which according to the rules now in force would no longer be classed as Productive, amounts altogether to nearly 73 crores of rupees.

Against this loss it is only fair to place the great benefits the country has derived from these works, since their construction, in years of scarcity. The value of the crops raised by means of the irrigation effected during 1896-97 amounted to over 3½ crores in that one year alone, and it cannot be doubted that in many of the districts served large expenditure would, but for these works, have been incurred on famine relief, considerable remissions of land revenue would have been necessary, and the area of distress would have been enlarged.

The results attained by the 21 works which are considered to be remunerative according to the rules in force must be regarded as very satisfactory. They have as a whole paid a return during the year under review of over 9 per cent. on the Capital, direct and indirect, invested in them, while their total contribution to the Revenues of India have amounted to the large sum of 12½ crores of rupees. Two of these 21 projects have only recently been brought into operation and are still incomplete. If they be excluded from the list, the 19 works which are in full operation returned a dividend of very nearly 10 per cent. on the Capital invested in them.

- 8. The area irrigated by the Productive Works during the year, including the area in the native states in the Punjab, amounted altogether to 10,305,380 acres of 16,102 square miles. Of this area, 1,861 square miles pertain to the old irrigation works in Madras and Bombay. Although these "old irrigation works" have for the most part been taken over by Government and remodelled or improved, credit cannot be taken for the area that was irrigated by them before the expenditure of Government money on them. The net area of irrigation which is the direct result of the outlay of Government Capital was therefore 14,241 square miles during the year. The gross receipts amounted to Rs. 3.2 per acre and the working expenses to one rupee per acre on this area.
- 4. The seven large works which have been referred to as being under construction are as follows:—
 - (i) The Mandalay Canal in Upper Burma. This is an important project designed to irrigate .72,000 acres. The work of construction was begun during the year and is now being pushed on vigorously.
 - (ii) The Fatehpur Branch of the Lower Ganges Canal in the North-Western Provinces. This is an extension of the Ganges Canal from Cawnpore into the Allahabad district and is estimated to irrigate 116,000 acres. Work on its construction was begun in 1894-95, and is now approaching completion.
 - (iii) The Jhelum Canal in the Punjab. This project, like the Chenab, is designed to bring under cultivation a large tract of country which at present is practically a desert with scarcely any rainfall. The area which the canal is estimated to irrigate is 423,360 acres. The work of construction has not yet begun in earnest, though some of the earthwork was started during the year as famine relief work, an expenditure of Rx. 9,666 being incurred.
 - (iv to vii) The Jamrao, Dad, Naolakhi and Nasrat Canals in Sind.
 - Of these four projects the largest and most important is that of the Jamrao Canal which has for its object the supply of perennial irrigation to a comparatively rainless tract of country in Sind. It is estimated to irrigate 260,000 acres.
 - The other three projects are for remodelling, improving and extending existing canals so as to bring under irrigation an additional area of 277,563 acres.

The total expenditure on these seven works up to the end of 1896-97 amounted to Rx. 429,338.

5. Taken collectively by provinces the Productive Works in operation gave the results shown below during the year:—

Province.	Number of works.	Area irrigated.	Cupital ontlay to end of 1896-97.	Net revenue in 1896-97.	Percentage of net Revenue ou capital outlay.
Irrigation.		Acres.	Rx.	Rx.	
Punjab	7	*8,538,430	8,012,848	759,848	9.48
North-Western Provinces	4	2,758,600	7,797,987	610,095	7.88
Madras	. 9	2,543,108	6,521,675	465,981	7.14
Bengal	. 8	805,387	6,159,465	48,474	0.79
Sind	. 4	630,029	9,81,284	79,044	8.05
Bombay	. 7	29,826	1,088,862	15,779	1.45
Total Irrigation	. 84	10,805,380	80,562,116	1,979,221	6.47
Navigation. Higili Tidal Canal	. 1	4.00	261,494	5,076	1.94

[•] Includes 456,707 acres irrigated in Native States.

The gross revenue derived from these works amounted to Rx. 3,331,686 as compared with Rx. 2,504,486 in 1895-96 and Rx. 2,560,913 in 1894-95.

PROTECTIVE WORKS.

6. Nine projects have been sanctioned as protective, but one of them, the Gokak Canal—lst section, is now combined with the Gokak Storage Works and classed as a Minor Work. Of the remaining eight projects three are under construction in the Bombay Presidency.

The five projects in operation gave the following results during the year:-

Province.	Number of works.	Area irrigated.	Capital outlay to end of 1896-97.	Not revenue in 1896-97.	Percentage of net revenue on capital outlay.
		Acres.	Rx.	Rx.	
Punjab	1	123,087	397,184	25,896	6.2
North-Western Provinces	1	87,806	428,086	-1,400	•••
Madras	1	63,327	447,937	1,985	0.44
Bombay	2	50,100	778,810	1,495	0.19
Total .	5	\$23,820	2,047,017	27,976	1.36

The gross revenue derived from these works amounted to Rx. 60,956 as compared with Rx. 43,658 in 1895-96 and Rx. 47,671 in 1894-95.

7. Taking Productive and Protective works together, or all Major works, the area irrigated during the year amounted to 10,629,200 acres, and the net revenue to Rx. 2,007,197 or 6.15 per cent. on the whole Capital outlay incurred on their construction.

8. The Major Works which paid over 4 per cent. on their Capital outlay were as follows:—

		Praci	INTAGES PA	ID IM.	Capital	Area
		1894-95.	1895-96.	1896-97.	outlay to end of 1896-97.	during 1896-97
•					Rx.	Acres.
1. Cauvery Delta System .	•	45.08	51.19	45.86	185,520	977,123
2. Eastern Jumna Caual .	•	22.78	17.21	26.77	381,797	324,700
8. Sidhuai Canal	•	16.16	22.28	17.37	112,410	149,454
4. Unharwah Project	•	8.67	9.83	17.14	62,688	85,598
5. Godavari Delta System .		14.65	15.08	16.41	1,289,735	739,849
6. Begari Canal		16.09	13.13	15.40	168,286	199,843
7. Bari Doab Canal		9.31	10.59	11.89	1,798,241	731,942
8. Western Jumna Canal .		5.39	3.28	11-29	1,576,005	677,336
9. Kistna Delta System .		12.74	12.36	10.50	1,278,425	. 482,633
10. Ganges Canal		7-39	4.68	9.55	2,985,081	1,083,234
11. Sirhind Canal		1.58	2.90	8.59	2,411,826	943,789
12. Penner Anicut		7.35	7.84	6.87	189,666	68,153
13. Chenab Canal		0.69	4.40	6.75	2,043,114	520,279
4. Swat River Canal (Protective)		5.07	8.90	6.52	397,184	123,087
5. Eastern Nara Works		4.41	4.58	6-21	628,052	236,807
6. Agra Canal		8-96	2.79	6.02	958,454	809,004
7. Lower Sohag and Para Canal		4.47	9.62	4.89	71,247	58,928
8. Lower Ganges Canal		2.67	1.12	4.74	8,477,655	1,042,662

Fourteen of the large irrigation systems have paid off the accumulated interest on their Capital outlay, and seven more are expected to do so in the course of a few more years.

MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

9. These works are for the most part irrigation projects, the only navigation works being the Calcutta and Eastern Canals and the Orissa Coast Canal in Bengal and the Buckingham Canal and some other small canals in Madras. The total Capital outlay on these Navigation works up to the end of the year was Rx. 1,970,556 and the net revenue during the year Rx. 21,352 equivalent to a return of 1.08 per cent.

On the irrigation works the capital outlay up to the end of 1896-97 amounted to Rx. 3,364,765, and the net revenue during the year gave a return on this outlay of 9.05 per cent. as compared with 8.14 per cent. in the previous year.

The greater part of the revenue for which credit is taken for Minor Irrigation works of all classes is indirect, being the enhancement of land revenue attributable to the works, and is included in the Finance Accounts under the head of Land Revenue.

Taken collectively by provinces these works gave the following results:-

Province.	Number of works.	Area irrigated.	Capital outlay to end of 1896-97.	Net revenue in 1896-97.	Percentage of net return on capital outlay.
Irrigation.		Acres.	Rr.	Rx.	
Sind	. 7	805,708	872,527	77,580	20.88
Punjab • • •	. 4	648,880	182,730	26,624	14.57
Madras	. 22	523,424	828,448	66,788	8.08
North-Western Provinces .	. 4	177,978	268,419	15,088	5.62
Bombay	. 28	39,284	743,308	2,571	0.35
Rajputana	. 3	36,653	245,228	8,477	3.45
Bengal	. 1	4,080	69,675	-1,100	
Baluchistan	. 2	8,355	161,278	1,374	0.85
Upper Burms	. 4	•••	156,534	16,148	10.31
Lower Burms . • •	. 2	•••	336,618	91,118	27.06
Total Irrigation	. 77	2,239,857	3,364,765	304,658	9.05
Navigation.	. 4	***	925,194	598	0.06
	. 2		1,045,362	20,75	1.98
Bengal	. 6	•••	1,970,556	21,35	2 1.08

The gross revenue derived from these works amounted to Rx. 735,116 as compared with Rx. 663,968 in 1895-96 and Rx. 675,812 in 1894-95.

MINOR WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEP?.

10. The results obtained from these works during the year were as follows:-

Area irrigated						•		1,474,800 80
22100 222-00000								Rx.
Gross receipts								338,509
	•	•	•					125,244
Expenditure	•	•	•	•	•	•	•	213,265
Net revenue							٠	210,200

As the expenditure includes the cost of extensions and improvements which in the case of works for which Capital Accounts are kept would be charged against Capital, the amount shewn as net revenue may be more accurately described as the excess of revenue over capital expenditure plus working expenses, and represents therefore the actual profit derived from this class of works.

11. There is a third class of Minor Works, viz., those for which neither Capital nor Revenue Accounts are kept, the value of which cannot be so accurately stated as in the case of the other two classes. They are most largely represented in Madras where they irrigated 2,849,185 acres out of a total all over India of 2,992,269 acres. The gross revenue dependent on these works in that province is estimated at Rx. 704,300 in 1896-97 and the total expenditure at Rx. 187,342.

The value of the Madras works is shown from the fact that they irrigated an area approximately equal to that irrigated by all other kinds of irrigation works in this Presidency, productive, protective, and minor works for which Revenue Accounts are kept, taken all together.

12. In paragraph 2 of this review a table is given which shows the surplus revenue derived from the Productive Works up to the end of the year, after deducting interest at 4 per cent. on the total direct Capital outlay. For purposes of account, interest on the full direct Capital outlay is charged against each work, but interest is not actually payable on the whole of this capital. Some of the earlier Capital outlay on the older works was met from ordinary revenue before the policy of constructing productive works from borrowed money was introduced, while later charges against the Capital Account of works which have not fulfilled the conditions of a productive work have also been met from revenue. The results of the irrigation works of India to the end of 1896-97 as affecting the general tax-payer may therefore be thus exhibited:—

	MAJOR WORKS.	During 1896-97.	To end of 1896-9
PRODUCTIV		Rx.	Rx.
Total	direct Capital outlay from borrowed money	. 740,448	23,721,818
Intere	est on borrowed capital	. 984,044	15,520,405
Direct	t Capital outlay charged against revenue	8,540	6,029,718
	ect charges	87,823	2,718,818
Work	ing expenses	. 845,377	17,199,620
	Total charges on tax-payer	. 1,875,784	41,468,561
	Total revenue	*2,884,110	47,808,379
O DOTIVE	Surplus revenue	1,008,326	6,339,818
Direct	Capital outlay (charged against revenue)	46,880	2,146,104
Indire	ct charges	. 8,755	134,988
Worki	ing expenses	25,868	268,480
	Total charges on tax-payer	. 76,453	2,549,522
	Total revenue	*55,724	398,611
	Loss	20,729	2,150,911
	Total surplus revenue, Major Works	. 987,597	4,188,907
	MINOR WORKS.		
WORKS PO	B WHICH CAPITAL AND REVENUE ACCOUNTS AR KEPT.	KE .	
Direct Capi	ital outlay (charged against revenue) .	. 189,989	5,007,778
Indirect ch	arges	. 16,888	531,177
Working en	rpenses	. 195,753	5,546,674
47	Total charges on tax-payer	. 402,130	11,085,624
	Total revenue	*531,080	12,870,890
	Surplus revenue	. 128,900	1,784,766
Works Po	DE WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
	Total expenditure	. 125,244	2,575,107
	Total revenue	*338,509	6,605,893
	Surplus revenue	213,265	4,030,786
	. Total surplus revenue, Minor Works	. 842,165	5,815,552

These figures represent the gross revenue due to the expenditure of Government capital less collection charges.

The results shewn above do not take into account those due to Minor Works for which neither Capital nor Revenue Accounts are kept to which reference has already been made, for although a large amount of land revenue depends on the efficient maintenance of these works it is impossible to say how much of it is directly due to the expenditure incurred on them by Government.

13. The total area irrigated by all classes of Irrigation Works in India in 1896-97 was 17 million acres and the value of the crops raised on this area is estimated at 46 crores of rupees.

ORDER.-Ordered, that the foregoing, with a copy of the note by the Accountant General, Pub-

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, the Punjab and Burma.

The Chief Commissioners of the Central Provinces, Assam and Coorg.

The Resident at Hyderabad.

The Agents to the Governor General for Central India, Rajputana, and Baluchistan

The Accountant General, Public Works Department.

on the margin, for information.

Ordered also, that a copy of the Review and note be forwarded to the Revenue and Agricultural and Finance Departments, and that the papers be published in the Supplement to the Gasette of India.

Ordered further, that a copy of the Review and note be forwarded to Her Majesty's Secretary of State for India for information.

> T. HIGHAM. Joint Secretary to the Govt. of India.

lic Works Department, be

forwarded to the Local Governments and Admin-

istrations in the Public

Works Department, noted

Documents accompanying.

Note by the Accountant General, Public Works Department, dated 21st March 1898.

Accompaniment to P. W. D. No. 400 C. W.-I. of 1898.

Note by A. R. Becher, Esq., Accountant-General, Public Works Department, upon the accounts of Revenue and Expenditure of Irrigation Works in India for 1896-97.

The figures in the accounts attached to this note are those of the Finance and Revenue accounts of the Government of India, but certain additional figures taken from the Administrative accounts of the Public Works Department, Irrigation Branch, the Revenue Reports of Irrigation Works and the Annual Statement of the Financial Results of Irrigation Operations in India are also dealt with in various portions of the note.

2. The irrigation works in India are divided into two main classes, vis.,

Major Works and Minor Works.

Major Works are sub-divided into-

(a) Productive Works, the Capital of which has been provided from borrowed money; and

(b) Protective Works, the Capital of which has been provided out of the general revenues of India.

Minor Works are for the purpose of this note sub-divided into-

(a) Works for which Capital and Revenue accounts are kept; and (b) Works for which Capital accounts are not kept.

3. Capital and Revenue accounts are kept for all Major Irrigation Works. There are 51 projects classed as Major Works, of which one, viz., the Hijili Tidal Canal in Bengal, is a purely navigation canal.

Of these, 42 were sanctioned as works expected to be remunerative, i.e., North-Western Provinces and Oudh. 1. Betwa Canal.

Punjab. 2. Swat River Canal.

Madras.
3. Rushikulya Project. Bombay, Deccan and Gaparat.

Nira Canal.

Mhaswad Tank.
Chankapur Tank.
Maladevi Tank.
Shetphal Tank.
Chankapur Tank.

estimated to pay the cost of up-keep as well as interest on Capital outlay. Some of these works having failed to realise these expectations the current outlay is being met from Revenue as explained in paragraph 18. The rest of these works are being constructed from funds provided from sources outside the general revenues. The remaining nine projects * were sanctioned as works of protection against famine, and the cost of their construction has been, or is being, paid for out

† Now classed as a Minor work and combined with the Gokak Storage Works. of annual grants made from general revenues under the head of "Famine

4. The works classed as Minor Irrigation Works are numerous. Capital and Revenue accounts are kept for 84 separate projects of this class; for the others only one account of receipts and charges for each work or group of works is kept. Of the 84 projects for which Capital and Revenue accounts are kept, 6 are purely navigation canals, of which 2 are in Bengal and 4 in

5. The general financial results of all works for which Capital and Revenue accounts are kept are as follows:-

	Major Works.	Minor Works.	TOTAL.
- A	Rx.	Rx.	Rx.
Capital Outlay.			
During 1896-97	831,509	196,930	1,028,439
To end of 1896-97	83,352,211	5,308,360	38,660,571
Revenue Account, 1896-97.			
Gross Revenue	2,976,795	585,180	8,561,975
Maintenance and Working	964,522	259,175	1,223,697
Net Revenue	2,012,278	326,005	2,338,278
Interest	1,253,542		
Net profit after paying interest			
on Capital	758,731		***
Percentage of net Revenue of the			
year on the Capital outlay to			
end of the year	6.08	6.14	6.04
Against in 1895-96	3.88	5.49	4.09
,, 1894-95	4:08	5.69	4.29

6. The net revenue derived from Major Works exceeded that of the previous yearsby Rx. 750,903. The receipts of the year were exceptionally large owing to great drought. The net profit to the State after paying interest on capital amounted to Rx. 758,731 against Rx. 38,972 in 1895-96.

Fatchpur Branch of the Lower Gauges Canal. Mandalay Canal. Jamrao Canal. Dad Canal.

7. The projects noted in the margin were not in operation during 1890-97. When these projects are completed and the irrigation from them and the Chenab Canal and other projects is fully developed, the net profit from Major

Works will be considerably increased, even though the works in Bengal and the Decean and the Kurnool Canal and Barur tank in Madras show no prospects of ever paying the interest on the Capital invested in them.
8. The net revenue from Minor Works was better than that of the previous.

year by Rx. 53,774. The important variations in the revenue from this class of works are explained in paragraphs 34 to 36 below.

9. The receipts and charges of the year 1896-97 on Revenue account, exclusive of the figures relating to Minor Works for which only one general account is kept, are detailed in the following statement by funds and provinces : -

1896-97.

	off.	Br. — 116 — 116 — 116 315.941 458.577 223.236 7,783	614,226	5,057	609,109	17,569 10,970 14,652 29,791	27+109	758,727	8477 18,148 91,118 91,118 15,088 28,684 66,788	304,653	20,754	21,352	326,005	732
	Not profit.	and the second s		15	60%	1 1 1			845212888	100	30	23	326	1,084,732
	Interest.	Bx. 416 239.668 294,151 301,271 242,745 87,040	1,164,995	10,138	1,175,128	16,169 14,926 16,037 31,286	78,418	1,253,546	 	:	: :	:	00	1,263,546
TOTAL.	Net	Br. 48.474 610.005 758.848 465.951 94,823	1,979,221	5.076	1,984,297	25, 100 25, 100 1,985 1,496	87,976	2,012,278	8,477 1,374 1,110 1,110 1,100 1,110 1,100 1,003 26,624 66,624	304,653	20,754	21,362	\$26,005	2,338,278
	Main- tenance and erorking.	Bx. 132,652 254,214 302,131 193,080 49,977	932,064	4,019	886.073	9,732 6,70 4,392 7,756	28,440	944,523	4,851 1,530 1,530 1,193 11,193 17,72 87,463	216,350	81,854	42,525	259,175	1,223,667
	Grote.	181,126 864,309 1,061,979 659,081 144,800	2,411,275	980'6	2,920,370	8,332 38,166 6,177 9,230	56,425	2,976,795	13.328 20,227 110,077 93 32,855 114,087 95,288	621,003	52,608 11,569	64,177	585.180	8,561,975
	Net revenue.	<u> </u>		:	:	: : : :			: : : : : : :			:	:	
LocaL	Malu- tenance and working.	× : : : : : : :	, ,		•	: : : :	:	:			::	:	:	•
	Gross revende.	M : : : : : : :	:	:	:	: : : :	:			:		:		:
	Net profit.	Bx190.758 189,104 161	-1.816	-2,108	-8,921		:	-3,921	11.100 15.083 66.788	173,418	20,754	21.352	194,765	190,844
	Interest.	Br. 239.232 303,493	543,725	7,183	549,907	::::	:	540,907	::::::::		::	:	:	549,907
PROVINCIAL.	Net revenue.	8x. 48.474 492,697 —161	640.910	5,076	546,985	: : : :	0 0 0	545,986	91,118	173,413	20,754	21,862	194,765	740,751
100	Main- tenance and working.	Rx. 182,652 254,214 	387,027	4,019	391,046	: : : :	:	391,046	18,964 11,193 17,773 28,500	67,144	\$1.854 10,971	42,825	109,969	501,018
	Ce es Fever de	Bx. 746,811	927,937	9,095	937.032	: : : :	*	937,033	110,077 93 32,865	240,557	52,606	64,177	304.734	1,241,766
	Net prods.	Rr116 -436 -126.840 458577 223.397 7.788	816,041	2,951	813,690	-17,569 10,970 -14,062 -29,791	-50,443	762,648	8,477 1,374 16,143	131,240		:	131,240	893,888
	Interest.	Br. 116 436 —9,342 301.271 242,745 87,040	622,270	2,951	625,221	16,169 14,926 16,037 31,236	78.418	703,639	:::::::	: ;	::	:	:	708,639
INPERIOR.	Net revenue.	Br 117,498 759,845 466,142 94,873	1,438,311		1,438,311	25,896 1,985 1,495	87,976	1,466,287	8,477 1,374 16,143 	131,240	::	:	131,240	1,597,527
	Main- tenance and working.	Rx	545,027	:	545,027	9.732 6.570 4.393 7,755	28.419	578,476	4,044 7,539 1,539 1,044 1,044 87,468	149,206	::		149,206	732,682
	Gress.	Rz 117,498 1,061,979 659,061 144,800	1,983,338	:	1,983,338	8,332 32,466 6,377 9,250	66,435	2,039,763	13,328 2,918 20,227	280,446		:	280,446	2,320,200
	MAJOR WORKS.	PRODUCIVE. Irrigation. Upper Burns Bengal N.W. P. and Oudh Punjab Madras Bonabay Stores unappropriated.	TOTAL	Bengal	TOTAL PRODUCTIVE.	NW. P. and Oudh. Punjab Madra	TOTAL PROTECTIVE .	TOTAL MAJOR WORKS	Rajputana Baluchistan Upper Burma Lower Burma Bengal NW. P. and Oudh Punjab Madraa	TOTAL	Bengal	TOTAL .	TOTAL MINOR WORKS	GRAND TOTAL .

10. The foregoing table shows that after paying interest on borrowed money expended in the construction of works classed as Productive Public Works, the largest amount of net profits was obtained from irrigation projects in the Punjab. The North-Western Provinces, Madras and Bombay follow in the order named. In the North-Western Provinces and Oudh and the Punjab there was a great demand for canal water owing to drought. In Bengal the loss was, as explained in the previous years' reports, due to the permanent settlement which renders enhancement of land revenue impracticable.

Major Works.

11. The following statement shows in detail the financial results of individual Major Irrigation Works during and to the end of 1896-97:—

	CAPITAL OUR	CAPTAL OUTIST TO RED OF 1886-97.	* 1886-17.		Ba	BRYRHUS ACCOUST	rr son 1896-87.				BRYENUR &	A PROPER TO RED O	EED OF 1896 97.	
Mason World.	Direct.	Indirect,	Total	Gross revenue,	Maintenance and morking.	Net revenue.	Interest.	Net profit.	Percentage of net revenue on the Capital	Gross revenue.	Maintenance and working.	Wet revenue.	Interest,	Net profit.
Productive.	Br.	Br.	Br.	Re.	Re	Rr	Bz.	Rr	Br.	Rx.	Ba.	e e e e e e e e e e e e e e e e e e e	i i	BE
Mandalay Canal	5,786	181	5,967	:	6 0	9 9	116	-116	0 9		•	*	116	-116
BENGAL. Irrigation. Orium Project Midnapore Canal Soue Froject	2,565,610 827.573 2,598,097	58,093 18,458 91,640	2,623,703 846,025 2,689,737	47,295 27,867 105,964	49,575 22,331 59,746	4,536 46,218	102,594 83,091 108,988	-101,874 -28,556 -57,765	171	61 1,640 563.463 1,506,927	954.604 528,532 1,229,205	339.944	2,1-3,950 806,193 2,177,220	-2,513.894 -771.262 -1,899,198
Navigation. Hijil Tidal Canal	5,991,279	168,186	6,159,465	181,126	132,662	48,474	289,668	-191,194	79	125,558	2,712,341	19,247	203,745	-6,184,654
TOTAL BREGAL	6,246,482	174,587	6,420,959	186,931	186,671	68,550	249,801	-196,251	88	2,8:0.003	2,818,652	8,014	8,361,108	-6,369,158
MW. PROVINCES AND OUDH. Irrigation. Gange Canal Lower Gange Canal Agra Can. Frether June Canal Frether June Canal	2,810.630 3,239,472 885,440 855,440	17 4,451 23,620 22,620	2,985.081 3,477,655 953,454 381,797	898,141 264,081 80,890 136,197	107,837 68,912 23,446 83,930	285.304 165,169 57.405 102,317	112,034 129,689 36,2293 14,229	173,290 36,100 22,112 87,488	9-55 4-74 6-02 26-77	7,694.686 8,950.140 1,074,101 8,834,007	3,292,610 1,769,498 515,188 1,036,765	4,102,026 2,1+0,642 558,918 2,287,242	8,047,988 2,656,826 794,547 473,660	464.043 -870.184 -235.684 1,6 '9,592
Canges Canal . Torat NW. P. & Oude .	130,386	8,863	138,749	864,309	254,214	610,096	291,161	816,944		16,032,984	6,614,061	9,438,823	7,776,837	1,661,986
PUNJAR. Irrigation. Western Jumpa Canal Rari Doab Canal Sirhind Jower Sohag and Para Canal Chench Chanal Sithmai	1,501,945 1,738,949 2,293,756 68,499 1,995,173 106,807	74,060 64,292 118,070 2,748 47,312 3,603 825	1,576,006 1,799,241 2,411,826 71,247 2,043,114 112,410 10,780	262,288 286.041 279,349 9,631 190,839 33,636	72.184 72.285 6.145 6.145 14.313	177,976 213,857 207,063 3,436 197,944 19,523	59,192 68,974 91,576 8,748 74,383 4,383 4,383	118,783 115,487 115,487 744 63,611 16,231	11.29 11.89 8.59 8.59 6.75 17.37	6,396,168 4,724,630 1,600,570 93,710 462,69 250,846	2,084,776 1,875,532 66°-,970 66.189 246,200 80.233	4,330,392 2,854,0:8 932,610 27,321 216,530 16,572	1,189,652 2,100,329 1,655,51 30,362 872,913 41,030	8,191,740 744,769 -722,901 -137,104 119,552
TOTAL PUNJAB	7,712,698	810,940	8,023,633	1,061,979	302,131	769,848	801,971	458,577	0.47	13,531,952	6,010.950	8,521,002	6,848,759	3,172.748

	CAPITAL OU	OUTLAT TO RED O	TO END OF 1896-97.		M A M EX	FREE ACCOUNT FOR 1896-97.	FOR 1896-07.				Raverus Ac	RAVERUR ACCOUNT TO RED OF 1895-67	1696-07.	
Major Works.	Direct.	Indirect.	Total.	Gries Ferring.	Maintenance and working.	Net retenue.	Interest.	Net profit.	Percentage of net revente on the capital outlay.	Gross revenue.	Maintenance and working.	Net revenue.	100 and 100 an	Met profit.
	Bz.	Bx	Br.	Bx.	Bx	Br.	Br.	Bz.	Br	Rz.	ri OS	Ry.	Bx.	di Di
MADRAS. Irrigation. Godavari Delta System. Kistna. Pennor Anjeut. Srivaikuntam Anjeut System. Sangam Anjeut System. Kurncol Canal Barnt Tank.	1,099,698 1,196,170 164,747 178,291 136,291 313,256 2,171,114 40,218	180,037 82,256 24,919 12,529 10,097 69,557 2,285 22,313	1,289,735 1,278,425 189,666 185,520 146,348 852,812 2,171,349 42,505	290,410 218,504 15,517 95,508 10,831 14,310 954 8,555	68.756 84.240 2.486 10.230 7,606 5.234 8,636 416	211.684 134.214 13.022 85.078 3,226 14.408 4,674 638	48, 858 46,677 6,576 6,834 18,449 11,606 88,490	167,826 87,537 6,446 78,234 1,913 82,146 -1,068 -33,293	16.41 10.50 6.47 8.75 8.75 11.28	6,584,919 8,932,637 346,559 2,565,205 202,463 147,099 153,441 5,937 3,555	1,972.051 1,275.477 80,652 187,702 89,803 55,806 325,912 3,803	2,657,150 2,657,150 2,378,007 3,378,003 132,660 91,482 -72,271 1,084	1,309,610 913,903 182,649 187,054 130,140 152,295 1,564,563 17,542 160,640	3,309,258 1,744,218 103,258 2,191,449 2,520 60,813 1,325,834 161,503
Total Madras	6,107,446	414,229	6.521,675	669,061	193,080	186,394(a)	242,745	223,236	7.14	18,912,993	3,855,573	10,087,420	4,308,896	5,784,025
SIND. SIND. SIND. Irrigation. Unharwah Begari Canal Charwah Bastern Nara Works Jamrao Canal Dad Canal Naolakhi Canal Naolakhi Canal	128,171 61,012 168,422 601,431 245,098 19,311	4,687 1,676 4,864 8,792 612	127.258 62.636 168.286 623.682 253,592 19,923	10,717 17,058 17,058 33,509 60,700 	7,020 6,314 7,596 11,010	8.697 10,744 26,734 38,690	28.4528 28.4528 78.790 78.790 48.88	19.393 19.393 19.393 14.891 -7.310	2-91 17-14 15-40 6-21	264.799 82,589 850,146 896,414	254,840 38,300 254,840 367,918	147,663 44,289 295,206 528,501	90,168 19.163 154,655 524,637 10,420 525	57,485 241,126 2,841,5 3,846,5 -10,420
Total Sind	1,213,964	41,152	1,256,116	110,984	31,940	(6)79,044	45,492	38,552	08.90	1,893,941	773,292	1,120,649	788,966	321,683
DECCAM AND GUIABAT. Irrigation. Hathmati Canal Lower Paujhra River Works Kadva River Works	49,093 44,892 69,7 46	84.99 80.81 110.81	51,784 46,711 78,767	1,7014	744 960 2,009	27.28	4 - 8	-1,692 -938 -3,569	. 1. 55 50 - 1. 55 50	. 12,716 80,604 17,093	17,713	4,998 15,252 423	47,303 45,416 48,567	52,300 54,164 48,144

-61.618 -843.319 -142.644 -79,063	-741,258	-419,569	6,014,415	4,829,917
39,770 565,055 132,264 94,621	972,995	1,771,961	24,357,931	24,561,676
221,736 10,380 21,558	231,743	1,352,392	29,372,346	29,391,593
15,634 146,106 43,124 46,940	301,539	1,074,831	19,267,756	19,874,067
3,786 367,842 32,744 68,498	533,282	2,427,223	48,640,102	48,765,660
2.92	1.45	4.04	1.94	6.36
-2,691 -11,446 -4,634 -749	-25,769	7,763	814.230	809,173
1,410 25,484 4,618 8,274	41,548	87,040	1,164,991	1,175,124
13,988 13,988 228 2,525	16,779	94,823	1,979,221	1,984,297
1,490 9.507 1,861 1,468	18,037	40,977	932,064	936,073
209 2,090 3,993	34,816	144,800	2,911,276 9,096	2,920,370
87,189 659,553 134,039 80,489	1,058,862	2,343,978	1,495,652 30,991,454 6,351 261,494	1,502,008 31,252,948
1,946 23,505 11,227 4,635	40,383	80,486	1,495,652	1,502,008
36.244 636,388 122,812 81,854	1,039,529	\$,253,493	Irrigation 29,435,802 Navigation 255,143	- 29,750,945
	Pajarat .	EBAY .	Irr:gation Navigation	Total .
Inkh Canal Mutha Canal Ekruk Tank Krishna Canal	Total Decoan and Gujarat .	Total Bombat	42 TOTAL PRODUC-	

(a) Excludes revenue due to old irrigation, which is as follows:-

Not revenue.	D.							186	-	861,771
maintenance and working.	RE	820	065	8,000	37,736	1,250	2,500	76		45,840
Gross revenue.	Bs.	12,400	7,100	11,700	354,411	2,900	13,900	200		407,611
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		•				tem		٠		
		Godavari Delta System	Cistna,	enner Anicut	auvery Delta ,,	rivaikuntam Anicut System	Sangam Anicut System	Sarur Tank		

(b) Excludes revenue due to old irrigation, which is as follows:-

2,486	200 200 200 600
876	910
3,861	3,705
• •	
• •	
• •	
• •	
• •	
• •	
Begari Canal . Eastern Nara Works	

Direct. Activated. Total. Controlled State Controlled Co	1		CAPITAL OF	CAPITAL OUTLAY TO MED OF 1896-97.	or 1896-97.			BRYERUE ACCOURT FOR 1808-07."	TE FOR 1888-07		8		В вунита Аомогат то	5	or 1808-07.	
No. R. R. R. R. R. R. R.		Maron Worrs.	Direct.	Indirect.	Total.	2 mag	Maintenance and working.	Not revenue.	Interest.	profit.	Percentage of net revenue on the Capital outlay.	Orone revenue.	Maintenance and working.		Interest	Net profit.
CUSS A.N.D GOC_AIS SI,671 459,066 8,535 9,738 -1,400 16,169 -17,669 70,040 118,317 -48,177 2		Protective.	Bx.	Ri	1	Br	Br	Bx.	Br.		Bz.	100	RH	ä	B.	Br.
H.S. S88.205 13.919 S87.134 29.466 6.570 85.896 14.026 10.070 668 244.667 102.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 8 1.02.566 142.401 1 1.02.566 142.401 8 1.02.566 142.401 1 1.02.566 142.401 1 1.02.566 142.401 1 1.02.566 142.401 1 1.02.566 142.567 1 1.02.566 142.567 1 1.02.567 1 1.02.567 1 1.02.567 1 1.02.567 1 1.02.567 1 1.02.57 1 1.02.	<u> </u>	TRCES AND DH.				80	9,738	-1,400	16,169	-17,569	0 0	70,040	#18.81E	42,177	215,754	-267,931
AY. AY. AY. AULU21 86,816 447,937 (a)6,877 4,892 1,985 16,087 -14,06344 14,686 11,218 8,478 AY. AY. GUARRAW GOV. MAC. Books. C. 1,173 41,267 (a)6,877 4,892 1,985 1,694 -1,004 2,474 2,100 874 Section GOV. MAC. CONTRICTOR NO. 1,121 86,112 1,121 1,121 1,7186 1,121 1,121 1,7186 1,131 1,12	202	· 35 B.		18,919		32,466	6,570	368,38	14,926	10,970	6-62	244,967	102,556	142,401	\$12,335	-69,934
GUJARAN. GUJ	had				1	(a)6,877	4,392	1,986	16,087	-14,062	3	14,696	11,218	8,478	\$66°,	-94,856
Gestion 40,094 1,173 41,267 (b) (b) 1,004 -1,804 3,474 2,100 874 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		BOMBAY.														1
Section 60,094 1,173 41,267 (b) (b) 1,004 -1,604 2,474 2,100 874 5.00		DECCAM AND GUJABAT.			~===										,	
FIGURERY 198,472 8,776 207,250 1,366 1,467 -102 7,589 -8,041 16,111 17,966 -1,845 -1,845 1,597 21,259 19 748 286 -267 124 -124 124 -124 124 -124	0					9	(9)	(9)	1,604	-1,604	:	8,474	2,100	874	84,110	23,736
6,873 852 7,225 288 -288 288 -288 289 -288 289 -288 2794 212 8,006 124 -124				8,778		1,365	1,467	-102	7,539	-8,041	## ## ## ## ## ## ## ## ## ## ## ## ##	16,111	17,966	-1,845	112,765	010,611
6,873 852 7,225 288 -268 288 -268 2794 85,735 6,814	154					7,885	6,288	1,597	21,837	-19,740	के व क	53,964	45.679	8,288	258,383	oshnez-
6,873 852 7,225 288 -288 268 288 -289 2794 212 8,006 124 -124 125 125 125	220	betphal Tank	729	19		:		•	14	-15	0 0	*	0 0	:	7	200
BONNEAT TESSOR6 45,000 SEGOGG 9,250 7,755 1,406 31,286 -29,791 18 72,549 65,735 6,814 (6.014) 115,406 2,099,263 56,425 29,745 1,285,542 756,731 6.08 49,107,902 19,665,793 29,502,109 25	- 63	•				:	•	:	268	-268	:	**	•	*	5,916	1 654
. 783,086 43,000 826,066 9,250 7,755 1,496 81,286 -29,791 .18 72,549 65,785 6,814 1.983,887 115,406 2,089,263 56,425 28,449 27,976 78,418 -60,442 1.88 402,242 291,726 110,516 1.983,887 116,406 2,089,263 29,502,109 25	- 1	•		212		:	•	:	124	-124	*				1,004	
. 1.983,857 115,406 2,099,268 56,425 28,449 27,976 76,418 —50,442 1-38 402,242 291,726 110,516 110,516 131,734,908 1.255,542 758,731 6-08 40,167,903 19,665,793 29,502,109 25				48,000		9,250	7,756	1,496	31,286	-29,791	.18	72,540	65,735	6,814	400,798	898,978
31 754 608 1 617 400 38 355 211 2.976,795 964,522 2,012,278 1,258,542 758,731 6-08 40,167,909 19,665,798 29,502,109				115,408	2,099,263	56,426	28,440	27,976	78,418	-60,448	1.88	402,242	291,726	110,516	927.215	-816,699
a la la company de la company		GRAND TOTAL	31,784,808	1,617,409	33,352,211	2,976,795	964,522	8,012,278	1,258,542	758,731	80-9	506'491'67	19,665,793	29,502,109	25,488,891	4,013,218

(a) Excludes Ex. 4,821 on account of old irrigation evenue. (b) This is now claimed as a minor work and combined with Gokak Storage Works, (c)

12. Taken collectively by provinces the percentages of net revenue on the Capital outlay upon Major Works for the last three years are as follows:—

	4			,						1896-97.	1895-96.	1894-95.
	1.	Punjab	•			•				9.33	5.30	4.33
•	2.	North-W	estern	Prov	inces	and (Oudh			7.27	8.19	5.22
	3.	Madras	•	P				•	•	6.71	6.89	6.75
	4.	Bombay-	-Sind	•		•			•	6.30	5.59	6.00
	5.	Bombay-	-Decca	n and	l Gu	jarat				.90	1.48	1.18
	6.	Bengal		•	*		•	٠	•	•83	•19	•09
							To	tal	•	6.03	3.88	4.08

13. Omitting the figures for the Kurnool Canal which, as explained in paragraph 18, is not a remunerative work, the percentages in Madras would be—

						Per sent.
1896-97				•		9.65
1895-96						10.01
1894-95						. 9.97

14. The systems which in 1896-97 paid over 4 per cent. are arranged below in the order of the rate paid, and are compared with the results in the two previous years:—

James 1					E	LATE PAT	D.
	٠				1896-97.	1895-96.	1894-95.
1. Cauvery Delta System	٠				45.86	51.19	45.06
2. Eastern Jumna Canal	•			•	26.77	17.21	22.78
3. Sidhnai Canal	٠	0		٠	17.37	22.28	16.16
4. Unharwah Project .	٠			•	17-14	9.83	8.67
5. Godavari Delta System		•		٠	16-41	15.08	14.55
6. Begari Canal	•				15.40	13.13	16.09
7. Bari Doab Canal .		•	•		11.89	10.29	9.31
8. Western Jumna Canal	8				11.29	3.28	5:39
9. Kistna Delta System .		•	•	•	10.50	12.36	12.74
10. Ganges Canal	•	•			9.55	4.68	7.39
11. Sirhiud Canal		•			8.59	2.90	1.53
12. Penner Anicut	•		•	4	6.87	7.34	7.35
13. Chenab Canal			•		6.75	4.40	-96
14. Swat River Canal .	•		•		6.52	3.90	5.07
15. Eastern Nara Works .		•	•	٠	6.21	4.28	4:41
16, Agra Canal	•	•			6.02	2.79	3.96
17. Lower Schag and Para Can	al				4.89	9.62	4.47
18. Lower Ganges Canal .			•		4.74	1.12	2.67
				,	1		

15. The systems that have, up to the end of 1896-97, paid off the accumulated interest on the Capital expended on them are noted below:—

200	, out the tage	,		•					Surplus.	
									Rx	
1	Godavari Delta Syste	em							3,309,258	
	Western Jumna Cana		uding	Sirea	Branel	2			3,191,740	
	Cauvery Delta System						•		2,191,449	•
	Eastern Jumna Canal								1,819,582	
	Kistna Delta System								1,744,248	
	Bari Doab Canal								744,769	
	Ganges Canal								454,043	
	Begari ,					•	•	•	241,153	
	Sidhnai "						•	•	119,552	
	Penner Anicut System	n						•	103,259	
	Desert Canal						•	•	57,485	
12.	Unharwah				•		•	•	30,126	
	Eastern Nara Works			•	٠		•	•	3,864	
	Srivaikuntam Anicut	Syste	m	٠	•		•	•	2,520	
	Assuming that the charged in each case sents a net profit to	A to	the C	apital	accoun	16, GI	HR LO	116-		
	these systems of	one .	0			•	•		14,012,047	
	The charge to the Si Major Works is	tate o	n othe	.{Pr	oduotiv	e Wo	rks rks	•	9,182,130 816,699	
									9,998,829	

And this leaves a net profit to date on all Major Works of . 4,013,218

16. The following statement shows the net charge to the State to the end of each year for the last five years on account of further projects, which are expected eventually to pay off the accumulated interest on their Capital cost:—

A GALL	Date of Completion.	1602-03.	1893-94.	1894-95.	1695-96.	1998-97.
		Bx.	Rx.	Rx.	Rz.	Rx.
North-Western Provinces and Oudh.	1000	080 014	280,752	816,845	406.234	870,184
Lower Ganges Canal . • •	1878	270,214				6
Agra Canal • • • •	1874	289,162	251,738	249,235	257,746	285,634
Punjab.						
Sirhind Canal	1887	717,678	762,105	816,591	838,389	722,901
Lower Sohag and Para Canal	1886	22,216	24,384	23,949	3,585	2,841
Chenab Canal	200	152,388	193,920	284,568	220,715	157,104
Madras.						
Sangam Anieut System	1885	65,213	65,075	63,528	62,725	60,813
Total .	900	1,466,821	1,577,969	1,704,711	1,789,444	1,549,477

Nors.-The prejects which have not yet been opened for irrigation have been excluded from this statement.

^{17.} The debit against all these projects decreased during 1896-97. The Chenab Canal will be practically completed in 1899-1900 and the debit against this canal will steadily decrease, as its distributaries are completed.

18. The audermentioned works, the construction of which from borrowed money was undertaken prior to the introduction of the rules now in force laying down the conditions which must be fulfilled before a work can be classed as Productive, are not expected to repay the accumulated interest charges on the Capital invested in them :-

• .		Capital outlay to	1	NOT SAIN ON L	OSS IN WORKS	O BACK YBAB.	
•		end of 1858-97.	1803-93.	1803-04.	1894-95.	1895-96.	1896-97.
		Rx.	Rx.	Rx.	Rx.	Rx.	Rx.
Bengal-				1			
Orina Project		2,623,703	-813	-16,011	-15,097	-5,559	-2,280
Midnapore Canal		840,025	8,445	9,658	6,986	-1,248	4,586
Sone Project		2,689,787	80,133	18,470	12,809	19,088	46,218
Hijili Tidal Canal		261,494	2,030	269	1,110	58	5.076
Bombay, Decean and Gujarat-			i			to be the second	
Hathmati Canal	۰	51,784	-40	368	499	576	272
Lower Panjhra River Works .	4	46,711	660	1,230	987	1,041	833
Kadva River Works	٠	72,757	199	897	-465	.41	-787
Lakh Canal		37,189	199	-226	-1,167	-772	-1,281
Mutha Canale		659,893	13,480	18,071	15,368	19,886	19,968
Ekruk Tank ·		134,039	-153	-201	1,682	1,096	229
Krishua Canal		86,489	4,164	2,383	4,178	1,852	2,525
				de franchise transmissioners in .			
TOTAL		7,509,821	57,906	84,848	26,890	86,059	69,329

lu addition to the above, the Kurnool Canal in Madras, which was purchased from the Madras Irrigation and Canal Company in 1882, is not likely ever to be a financial success, and the Barur tank also will probably not pay the interest on the Capital outlay. Under the rules contained in Public Works Department Code, Volume II, Chapter V, paragraph 35, clause VIII, the current expenditure on these works is provided out of the general revenues.

19. The sources from which the revenue of the Major Works was derived during 1896-67 are exhibited in the following systemant in companison with

during 1896-97 are exhibited in the following statement in comparison with those of the four previous years :-

			A	A COLUMN	F COMMENTS		*,	7	-			
	1800	Bag.	188,335	685,771	680,914	565,424	147,610	2,268,054	. 24 . ∰ 12 •13	4 7 10	4	4.
Totals of Pertious Pour Tains.	1960-94.	Rx.	166,500	701,981	535,091	589,586	137,113	2,180,271		.•	19	4
TALE OF PERFE	869498	Br.	162,018	685,743	598,555	599,667	148,435	2,182,413		4	,	,
To	1996-96.	Br.	160,778	487,311	709,826	643,683	142,654	2,134,247				*
	Total	Br	190,221	872,641	1,084,445	665,438	154,050	2,976,795	2,184,247	2,182,413	2,130,271	2,268,064
	ancentalised M	Rx.	6,778	4,159	1,187	808-	2,583	14,398	13,530	13,481	13,311	14,624
	Mate.	Br.	22	1,905	1,340	00	325	3,599	2,227	3,086	1,917	25,55
*	egaiblind lo stack	Br.	1,581	83	1,188	\$25	89	3,476	3,061	3,810	3,302	8,198
	Navigation receipts.	Rx	60,788	1,445	7,350	12,351	;	71,928	66,294	69,985	69,030	54,847
	Water-power.	Rr.	135	6,748	16,159	e e e	• 000	22,642	25,884	22,764	20,266	20,679
	Other canal produce.	Rx.	904	•	2,595	2,573	1,110	6,614	6,521	6,658	5,851	6,437
	Plentations.	Br.	609	15,887	940'9	1,142	202	28,900	21,390	28,637	23,492	25,043
	Water-supply of towns	Bz.	:	123	2	674	11,853	12,071	11,876	10,708	10,574	11,764
83	Sale of water.	Bx.	344	628	4.252	*	441	5,462	4,407	4,008	4,243	4,188
, e	Owners' rates on irri-	Bx.	•	818	76,499	•	0 0	119,317	62,284	71,897	61,246	66,976
IRRIGATION REVERUE.	,aster-reteW	Br.	129,771	682,121	925,723	12,662	32,775	1,783,052	1,064,508	1,145,084	1,141,863	1,298,206
Inn	becade of enhanced brade to sub corena due to brade due t	Br.	:	117,408	58,185	636,112	104,692	911,327	859,180	816,910	785,187	760,020
	•		Bengal	North-Western Provinces and Oudb	Punjab	Madras	Bombay	Total for 1896-97	1895-96	1894-95	1893-94	1892-98

20. The gross revenue in 1896-97 was better than that of the previous year by Rx. 842,548. The increase was shared in by every province. In Bengal, the North-Western Provinces and Oudh and the Punjab the increase was chiefly due to the great demand for canal water owing to deficient rainfall, but in the Punjab was assisted by the further development of irrigation from the Chenab and the Western Jumna Canals. In Madras the increase was mainly due to the enhancement of water-rates on the Godavari Delta System. That in Bombay is attributed to a better supply of water in the canals in Sind.

21. The following statement shows, for each Major Work for the five years ending 1896-97, the gross revenue, the irrigated area, and the mileage of

canals completed at the end of each year :-

								4.
	1896-97.	1.506 1.506 1.506	8988.68	6,675 8,739 865 1,169 671	11,009	2,159 1,486 8,038 1,46 1,571 180 165	8,740	2,476
District Learning	1896-96.	1,972 336 1,596	89,388	4,610 8,614 816 1,139 671	10,660	2,097 1,481 3,086 146 180 180	7,985	1,989
I (IRCLODING	1804-96.	Miles. 1,373 334 29 1,525	3,338	4,420 8,574 7,67 1,138	10,467	1,855 1,436 3,035 138 885 180	7,694	2000 H
B IN OPERATION	1880-04	Milde. 1,366 356 29 1,575	3,325	4.278 3,557 7,66 1,132 567	10,900	1,606 1,416 3,489 139 794 794 186)	7,33	2.391
MITS OF STREET	1802-93.	Miles. 1,221 355 29 1,576	3,180	4,159 3,477 759 1,132 557	10,064	1,290 1,413 3,038 1,39 7,139 1,62	6,934	29,394
	1986-67.	Acres. 185,048 65,133	805,387	1,083,234 1,042,663 808,004 324,700 87,806	2,845,906	677,336 731,942 948,789 68,0279 148,454 123,087	3,204,810	739,840
121.	1896-96.	Aores. 119.460 65,011 395,222	579,693	759.297 666,8%0 184,502 222.476 35,292	1,868,447	605,064 617,463 653,488 75,762 369,935 116,427 81,210	2,519,344	683,128
Indicated anna 13 aones.	1691-95.	Acres. 192,561 70,116	509,311	351,637 231,143 139,166 125,260 8,041	855,247	\$16,437 584,697 279,714 70,977 269,357 144,897	1,706,471	759.513 519,976
Ingidated	1603-94.	Acres. 103.526 85,763 366,776	556,065	656,757 525,853 165,220 201,664 18,804	1,563,298	\$30,807 \$75,897 71.179 \$70.4*6 161,427	1,750,591	721,740 512,678
	1803-93.	Acres. 160.952 91,217 410,761	662,930	722,478 554,608 107,054 227,438 22,438	1,663,393	256,298 567,896 412,791 70,129 167,197 151,639 104,723	1,720,872	607,388 471,401
	1896-97.	Bx. 47,995 87,567 9,095 105,864	190,221	893,141 264,081 80,890 136,197 8,332	872,641	262,288 286,041 279,349 9,631 190,839 33,8%6 82,466	1,094,445	292,440 225,004
, ,	1595-96.	Bx. 41,681 26,363 6,198 76,581	150,778	230,756 115,589 45,972 2,408 2,586	487,311	130,350 250,340 13,387 120,039 36,581 24,394	709,826	270,605 229,307
Gaoss Bryawus.	1894-95.	BE. 23.236 29.443 6,653 83,483	162,013	326,081 17,575 63,725 114,467 5,895	685,743	228,536 95.986 10.169 25.695 27,502	596,555	30 00 00 00 00 00 00 00 00 00 00 00 00 0
Gao	1693-04.	Rx. 87,537 80,177 5,919 92,567	166,500	322.898 202.071 48.952 120.691 7,369	701,981	103.592 222.5 13 108.524 9.731 38.401 28.718	\$85,091	20.5.00%
	1×03-93.	Rx. 49.738 28.0.10 5,339 105,288	188,335	319,385 201,419 64,188 102,442 8,337	685,771	242,840 242,840 242,966 8,446 27,550 21,161 25,918	\$16,080	35.454
	Major Works.	Bengal. Orissa Project Midnapore Canal Hijili Tidal Ganal Sone Project	Total Dangal	North-Western Provinces and Ganges Canal Lower Ganges Caual Agra Canal Hastern Jumna Canal Betwa Canal	Total North-Western Provinces and Outh	Western Jumns Canal, including Siras Branch. Bari Dash Canal Sirbind Canal Lower Schag and Para Canal Chemb Ganal Sidhnai Ewat River Canal	Total Funjat	Madrae. Golavari felta Syntom

2,094 2,094	2,774	3	193 196 286 886	125	0 0 0	23 888832	20 7 7 23 23 23 23 23 23 23 23 23 23 23 23 23	756	1,488	32,344
2,0% 90% 90% 82% 82% 14% 14%	7,639		168 200 200 200 200 200 200 200 200 200 20	63 60 8-	6 0 0	88 455 155 44 455 145 4455	25.25	768	1,488	31,095
2,024 2,094 828 828 803 828 803 804	7,600	:	20 00 00 00 00 00 00 00 00 00 00 00 00 0	784	3	10.38 88 25.28	228	757	1,481	80,575
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3,676		198	713	*	4 68 83 84 84 84 84 84 84 84 84 84 84 84 84 84	228	748	1,461	20,002
4 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7,557		31 - 93	\$13	S. Carlot Symposium of Articles Symposium of	104 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	98	248	1,456	29,211
68.153 977,123 40.147 79,786 87,326 4,440 63,327	2,606,485	e e e e e e e e e e e e e e e e e e e	107.778 85,609 199.843 236,507	630,037	•	99889 9889 9889 11878 11	7,547	79,938	709,975	10,172,513
70,128 987,103 33,962 77,347 82,903 4,229 35,917	060'905'8	1	95,832 62,960 183,898 190,041	531,726	· &	8, 43, 63, 63, 63, 63, 63, 63, 63, 63, 63, 6	89,463 8,463 8,481	686'67	581,715	7,955,289
70,559 989,891 38,573 76,678 83,540 4,480	2,520,599		103 494 67,316 231,430 233,795	607,036	© 9 &	4,199 2,790 2,767 3,10,082 3,292	4,671 28,370 4,226	60,707	687,742	6,259,870
70,346 996,055 40,570 74,960 81,424 4,324 8,195	2,460,192		89,568 32,634 222,903	658,488		3,000 3,020 3,027 3,43 8,239 2,859	4.742 24.503 6,283	55,747	614,235	188,949,381
73,051 1,012,049 29,111 74,987 80,746 8,584 4,183	2,396,520	*	95,156 23,277 192,524 243,412	554,369	ø 9	2,528 2,525 1,525 6,797 3,038	3,796	45,202	599,571	7,043,286
27.217 444.718 18,731 14,310 1,154 8,958 3,555	410,192	665,438	10,717 17,058 36,870 50,044	114,689 3.705	110,984	1,014 1,793 1,222 209 23,495 2,090	3,823 7,885 1,365	43,086	154,050	2,976,795
28,551 15,965 15,965 83,103 15,973 1,109 6,110	410, 192	643,693	12,738 13,321 32,220 40,245	98,4%	94,779	1,152 1,841 1,841 283 2,645 2,645	3,060 8,689 1,579	47,875	142,664	2,134,247
28,359 17,395 17,395 32,603 11,305 1,187 4,819	1,022,133	599,667	13,284 11,388 36,989 45,127	3,705	103,033	1,108 1,655 1,188 1,188 1,188 1,188 1,188 1,188 1,188	6,605 8,188 1,272	45,402	148,435	2,182,413
28,070 18,359 31,424 12,944 1,103	879,2%6 289,700	589,586	47.84 5.440 87,946 47,588	8,705	92,003	970 1,725 1,197 1,197 1,197 1,192	3,683 7,753 2,603	45,110	187,113	2,130,271
28,760 810,986 18,400 14,828 14,828	875,124	565,124	12,827 4.736 86,842 48,037	102,482	102,482	1,617 1,020 1,020 22,405 25,51	8,550 8,638	45,128	147,610	2,263,054
Penner Aniout System. Cauvary Delta Srivaikuntam Aniout System Sangam Aniout System Kurnoil Canal Barur Tank Rushikulya Project Peniyar Project	Deduct old Irrigation revenue	Total Madras	Bombay. Unbarwah Begari Canal Rasteru Nara Works	Deduct old Irrigation revenue	Total Sind	Hathmati Ganal . Lower Panjura River Works . Kadva River Works . Lakh Canal . AND . Mutha Canal .		Total Deccan and Gujarat	Total Bombay .	GRAND TOTAL

22. The rate of revenue per acre irrigated during 1896-97 is shown in the following table; the irrigation revenue shown here includes the share of enhanced land revenue due to irrigation as well as the water-rates and owners' rates:—

				Rate of	COMPARRY W	ITE SATS IN
Province.		Irrigation revenue (assessed).	lrrigated acreage.	seamne bes	1005-06.	1894-05.
		Rz.	Acres.	Rx.	Rx.	Rx.
Sombay, Deccan and Gujarat		89,573	79,988	•50	-78	-86
Madras		1,063,556	2,606,436	-41	-42	*38
North-Western Provinces and C	ndh .	1,000,889	2,845,906	*85	*40	*54
Punjab		1,157,487	8,204,810	*86	*96	88
Sengal		149,353	805,387	•18	·18	•18
Somboy—Sind		115,923	680,037	•18	•18	18
TOTAL	L .	3,526,681	10,172,518	*85	*86	.86

^{23.} The charges for maintenance and working for the year 1896-97 are detailed in the following statement and compared with the outlay of the previous four years:—

e o demanti di

OUR TEAMS.	1883-94.	Bz. Br.	154,114 148,540	272,466 270,723	244,506 246,168	162,763 168,531	61,731 67,738	875,620 880,634			
TOTALS OF PERVIOUS FOUR PEARS.	1894.95. 18		146,206	284,046	265,065	147,846	900'99	8869,558			
TOTALS	1885-96. 18	i i	138,434 1,	225,817	284,048	170,812	54,266	872,877			
_	TOZAL 18	, N	136,671	263,946	808,701	197,472	67.733	8064,522	878,877	888,558	875,620
	charges.	R.	9,324	17,490	19,628	8,009	1,910	58,156	52,427	58,108	53,001
	ebarges.	ii M	127,447	246,456	289,178	199,463	888.99	908,366	099*086	886,450	822,619
	Buspense.	Bx.	:	9 9		0 0	*		:	*	
_	loss.	Br	:		:		n e		9 8 9	•	*
-	plant.	R.	7,580	3,020	2,215	9,866	946	23,114	27,902	25,398	27,414
	ment.	H.	66,883	126,915	139,888	89,171	31,186	242,375	411,332	415,655	412,792
	repairte	ž	106,00	101,963	186,736	84,110	978,82	400,048	343,185	360,161	340,150
Extensions M	_	Br.	3,994	14,658	11,906	6,826	9,436	48,830	\$8,031	34,096	42,268
94	- A		•	•	•	0	•		•	•	•
			0. 0.	9. 9.	ø. ø.	•	•.	Total for 1896-97	1895-98	1894.96	1899-94
			ф. Ф.	North-Western Provinces and Ordh	•	o.	ø.				
•			Bengal	forth-Western Pr	Punjab .	Madrae	Bombey				

year by Rx. 91,645. The principal increases are explained as follows:—

North-Western Provinces and Oudh.—The increase of Rx. 38,129 was due partly to the expenditure in the previous year having been restricted by the Local Financial Department owing to the very large falling off in the irrigation revenue of that year, and partly to additional charges in 1896-97 for collection and measurement owing to increased irrigation in consequence of drought. and measurement owing to increased irrigation in consequence of drought.

Punjab.—The increase of Rx. 24,653 was mainly due to extensive repairs on the Western Jumna, Bari Doab, Sirhind and Sidhnai Canals, and additional

collection charges consequent on increased irrigation.

Madras. The increase of Rx. 27,160 was due to repairs to damages caused

by floods.

and on revenue collected On revenue 35-40 91.81 46.34 40.03 26.46 38.04 95.26 88.61 96.69 97.77 41.10 On total 98888 100 22222 300 888888 100 88888 801 88888 100 On revenue 1.88 8-30 1-16 1-156 8.46 6.18 2.64 1.18 1.18 8.48 1:28 1:28 1:14 3.40 28.61 1.36 1.26 85-4 2500 1178 1120 1124 CELEGES. the total expenditure incurred in each province during the five years ending 1896-97 Instance On total expenditure. 6-76 6-88 6-88 8-31 8-31 28.9 8-00 88848 86.9 8.06 6.78 6.04 6.09 6.09 96.00 98 98.00 088 28-9 On revenue 28.48 28.48 28.48 28.48 88-44 36.55 45583 88.61 CRABBIL. 86448 DIRECT On total 93.68 93.68 96.69 94.18 92.80 93.96 95.64 96.91 94-00 93.64 93.16 93.81 96.16 84.08 93-93 93-15 93-60 97-00 93-66 93.65 93.40 95.80 95.80 94.13 TORAL On revenue collected. 1.31 1.28 1-08 .78 33583 82488 84433 \$3340 ATT PARTY. On total 3.20 88.8 TOOLS 5.66 1.14 7.24 1.63 6.50 1.98 1.98 1.98 1.98 1.98 386888 611.12 2.61 On revenue 19.05 20116 2116 1274 1563 17.70 24.31 24.31 17.22 18.86 16.86 19-87 84.63 14.53 12.78 18.40 18.76 14.86 18-81 Bera Plannary. On total expenditure. 43.38 46.29 46.18 41.39 47.14 ₩.99 47.18 46-78 45.38 46.38 48.55 48.55 48.53 48.05 45.13 45.15 86.70 98.9% 48.26 48.56 48.56 48.56 48.56 On revenue 88-10 13-73 80-63 8-61 82-93 16.60 13:38 13:38 16:18 18:19 26.28 11.69 12.40 12.64 18.84 18.44 37.80 119.01 19.45 MAINTANANCS REPAIRS. On total 38.88 89.38 39.61 35.66 46.18 35.08 51.54 40.53 4072 34.66 41.61 85.75 51.40 25.55 25.90 27.84 26.17 26.17 87.15 89.00 26.58 28.63 43.97 48.93 tolls AFD Thrusova-On revenue 1.98 8-69 \$ 12 P 1.68 1.69 1.68 1.68 1.68 58583 percentages of expenditure on the following statement:-On total 85 40 B 4.88 86.9 40400 4.86 88.8 77.7 9 5 6 9 9 TOTAL TOTAL Oadh Ough 25. The shown in t 1894-95 —
Bengal
North: Wes
Punjab
Madras
Bombey Bengal North-W Funjab Madras are

26. The cost of maintenance and working per acre irrigated in the different provinces during the five years ending 1896-97, and the percentage of the outlay upon maintenance and working on gross revenue, are as follows:-

Cost of maintenance and working per irrigated acre.

Provinces.	1892-00.	1603-04.	1804-95.	1898-96.	1896-97.	Benasse.
1. Bombay—Sind 2. Madras 3. Punjab 4. North-Western Provinces and Oudh 5. Bengal 6. Bombay—Deccan and Gujarat	Rz. °06 °08 °14 °16 °22 °51	Rx06 -08 -14 -17 -27 -38	Rx07 -08 -15 -81 -26 -38	Rx07 -09 -11 -12 -23 -41	Rx. '05 } '09 } '10 '09 '16 '32	Including old main tenance charges. Excluding mainten ance of Tidal Canal.

The provinces are arranged in the inverse order of cost; the variations are considerable.

Percentage of maintenance and working on gross revenue.

Provisore.	1893-00.	1809-94.	1994-06.	1996-96.	1896-97.	Remades.
1. Madrae · · · ·	Rx. 23·0	Rx. 21.7	Rx. 19 ⁻ 0	Rx. 20·5	Rx. 22·6	Including old revenue
2. Punjab 3. Bombay—Sind 4. North-Western Provinces and Oudh 5. Bombay—Deccan and Gujarat 6. Bengal	36·0 33·7 39·5 51·4 78·9	45.7 82.8 88.8 47.2 92.6	44:4 41:1 38:5 50:8 96:2	40·0 36·1 40·3 43·0 91·8	28·3 28·6 30·2 59·9 71·8	Ditto ditto.

The variations indicated here are also very marked.

27. The percentages of the cost of revenue management on the revenue collected in the different provinces during the five years ending 1896-97 were as follows :-

N.B.—In the term revenue management are included charce of Direction, Executive and Navigation Establishments and also a charce of collection establishment.

Provinces,	1899-98.	1003-04.	1894-96.	1805-94.	1896-97.	Behare.
Bombay—Sind Madras Punjab Bombay—Deccan and Gujarat North-Western Provinces and Oadh Bengal	Rx. 10'4 8'9 18'0 17'8 18'6 26'0	Rx. 10·6 9·0 16·9 16·1 14·5 28·7	Rx. 10·0 8·6 15·4 18·7 14·9 31·1	Rx. 6:4 8:7 18:9 16:8 18:6 31:1	Rx. 6 5 10 5 11 1 25 1 10 5 24 9	

28. Taking the area irrigated, the Sind canals cost least per acre, but the Madras works are maintained and managed for the smallest share of the gross income. The cost of maintenance and management of the Bengal canals absorbs the greater portion of the gross income.

MINOR WORKS.

Works for which Capital and Revenue Accounts are kept.

29. The following statement shows in detail the financial results of Minor Works for which Capital and Revenue accounts are kept during, and up to the end of, the year 1896-97:—

·		CAPITAL OUT	PLAT TO BE	D OF 1896-97.	R	VERUE ACO	DUNT FOR 16	96-97.	Ravago	BRUNEUM ACCOUNT TO BED OF 1898-97.			
M MENDER OF WORKS.	MINOR WORES.	Direct.	Indirect	. Total.	Gross revenue.	Mainten- ance and working.	Not Revenue.	Percentage of net revenue on capital outlay.	Gross revenue.	Mainten- ance and working	Nes		
	•	Br.	Rx.	Rx.	Rx.	Rx.	Rx.	Bx.	Rx.	Rr.	Rx.		
8	RAJPUTANA-												
	Tanks in Ajmere Sub-Collectorate	154,486	4,540	159,020	6,148	2.763	3,385	2.18	135,202	69,160	66,03		
	Tanks in Beawar Sub-Collectorate	60,606	3,460	64,066	4,566	1,008	3,558	5.22	104,225	53,586	60,639		
	Tanks in Todgarh Sub-Collectorate	21,690	447	22,187	2,614	1,080	1,534	6.93	50,301	80,691	19,810		
	Total .	236,781	. 8,447	245,228	13,328	4,851	8,477	3.45	289,928	153,443	186,48		
	BALUCHISTAN— Irrigation— Khundil Khan Re-								•				
I	servoir	92,331	1,224	93,555	2,151	691	1,460	1.56	10,754	6,184	4,62		
	Shebo Canal .	66,579	1,144	67.728	762	848	86	0 0 0	10,861	7,74	8,12		
	TOTAL .	158,910	2,868	161,278	2,913	1,589	1,874	-85	21,615	13,87	7,74		
	UPPER BURMA-												
	Mu Canal	32,844	786	38,580	4,150	1.529	2,621	7.80	11,218	8,546	7,67		
	Nyaungyau-Min- hla Tank	63,058	2,457	65,515	451	780	-279	800	9,064	4,161	4,90		
	Kyaukeè Tank .	44,736	1,487	46,163	12	1	11	'02	865	78	78		
	Shwetachaung Ca-	10,891	385	11,276	15,614	1,824	18,790	122-30	180,974	18,082	112,945		
-	TOTAL .	151,519	5,015	156,534	20,227	4,084	16,143	10-31	152,121	25,816	126,308		
	LOWER BURMA— Irrawaddy embank- mente	305,893	8,317	314,210	107,579	18,027	89,552	28.50	1,408,697	343,165	1,005,532		
	Tongwa Island emtenkment .	21,880	528	22,408	2,498	937	1,561	6.96	8,696	1,925	1,771		
	TOTAL .	327,778	8,845	386,618	110,077	18,964	91,118	27.08	1,412,898	345,090	1,067,303		
	BENGAL— Irrigation— Barun Project	6 6,957	2,718	69,675	98	1,198	-1,100	•••	24,420	37,518	-13,098		
-	Navigation Calcutta and East- ern Cauals	587,554	7,979	595,589	48,994	23,076	20,918	3.21	2,403 510	1,000,057	1,403,453		
	Orissa Coast Canal	439,194	10,635	449,829	8,614	8,778	-164	001	75,810	89,975	-14,165		
		1,026,748	18,614	1,045,862	52,609	81,854	20,754	1.98	2,479,320	1,090,082	1,889,268		
	Total .	1,093,705	21,332	1,115,037	52,701	38,047	19,654	1.76	2,508,740	1,127,560	1,376,190		

-		CAPITAL OUTLA	TO SED OF	1898-97.	Вичин	UN ACCOUN	T FOR 1896-6	77.	Вачинии Ао	1696-97.	
	Meson Wones.	Direct.	Indirect.	Total.	Gross revenue.	Mainten- ance and working.	Net Revenue.	Percentage of net revenue on capital outlay.	UND	Mainton- ance and working.	Net
		Rx.	Rx.	Rx.	Rx.	Rx.	kz.	Rx.	,Rx.	Rx.	Rx.
	NORTH- WESTERN PROVINCES AND OUDH-								6.		
	Irrigation-			,							
	Dun Canals	68,036	1,653	69,689	10,443	5,126	5,317	7.62	255,793	142,675	118,11
	Rohilkband Canals	159,197	16,196	175,398	16,916	10,042	6,874	3.91	350,442	290,116	60,32
	Bijnor Canals .	12,980	2,117	15,097	4,407	1,724	2,683	17:77	54,296	21,686	82,61
	Bundelkhand Irri- gation Works	7,436	804	8,240	1,089	880	209	2 54	19,741	28,511	-3,77
	Total .	247,649	20,770	268,419	32,855	17,778	15,089	5-62	680,272	477,988	202,28
5	PUNJAB-										
	Irrigation-										
	Upper Sutlej In- undation Canals	78,610	6,329	79,839	21,016	14,961	6,065	7.68	478,811	418,706	60,1
	Lower Sutlej In- undation Canals	11,675	287	11,862	66,566	44,698	21,868	184-85	1,781,904	1,020,913	760,9
	Indus Inundation Canals	68,791	1,978	70,764	17,368	22,874	5,016	***	750,003	748,672	1,3
	Shahpur Inunda-	19,610	655	20,265	9,147	5,430	8,717	18:34	80,788	49,877	30,9
	Ghaggar Canals .	14,126	180	14,306	0.00	***	***		•••	010	***
	TOTAL .	187,612	9,424	197,036	114,087	87,468	26,624	13.21	8,091,508	2,238,168	853,3
26	MADRAS-										
	Irrigation-										
	Chembrambakam Tauk		11,235	74,404	3,089	-62	3,151	4.23	72,616	12,232	60,3
	Madras Water-sup)a									
	tion Extension Project	151,583	23,822	175,406	3,008	572	2,486	1.38	43,741	49,688	- 5,6
	Palar Aniout System	195,997	10,527	206,524	13,185	6,385	6,800	3-29	321,929	180,810	141,
	Lower Coleroon Aniout System		1,718	71,318	28,633	4,535	24,098	33.79	1,049,758	160,079	889,
	Polandorai Aniou	45,771	4,349	50,120	3,156	1,912	1,24	2.48	26,650	47,739	21,
	Other (17) works	. 242,816	7,866	250,682	44.217	15,158	2 9,050	11.59	1,030,746	441,161	589.
		768,936	59,512	828,448	95,288	28,500	66,78	8:06	2,545,485	891,659	1,653,
	Navigation-										
	Buckingham Cam	844,34	48,580	892,92	11,477	10,30	1,17	5 .13	298,785	307,591	-8,
	Other (3) works		1,665	32,26	92	Ott	- 57	7	1,061	8,801	-7.
		874.94	50,245	925,19	4 11,569	10,97	59	8 06	299,866	316,39	-16
			5 109,757		2, 106,857	39,47	(a)			1,208,05	

		CAPITAL OFFE	O CHR OF YA	OF 1806-97,	Ruv	BRAM WOOD	7NT POR 180	6-97.	Ravanos	ACOUNT TO 1898-97.	AND OF
	Minos Works.	Direct,	Indirect.	Total.	Gross.	Mainten- auc- and working.	Net reveres.	Percentage of uet revenue on Capital outlay.	Gross revenue.	Mainten- ance and working.	Not Tovenue.
BO	OMBAY-	Rr.	Rz.	Rx.	Rz.	Rz.	Rx.	Bx.	Rx.	Rz.	Rx.
1	Irrigation-										
	/Sukkur Canal .	134,893	6,051	140,944	18,595	7,878	5,663	4.02	215,667	128,404	87,26
	Ghar	41,554	3,544	44,098	49,672	15,778	33,894	76.86	1,592,713	465,765	1,126,94
SIND	Marak Great	19,360	795	20,155	-7,349	2,232	5,117	25.39	132,563	5 0,545	82,00
a a	Sarfrazwah Canal	11,856	612	12,468	2,910	596	2,814	18.56	45,275	31,948	13,33
	Fuleli Canal	140,179	5,088	145,267	45,790	14,989	30,907	\$1.51	923,400	592,192	331,20
	Other works	8,922	673	9,595	105	319	-214		34,548	27,440	7,10
					-		(b)				
	TOTAL SIND .	356,764	15,768	872,527	119,361	41,781	77,580	20.83	2,944,156	1,296,289	1.647,86
	Khari Cut	17,194	1,202	18,336	1,859	798	1,061	5.79	10,395	6,710	3,68
	Jamda Canale .	99,116	4,991	104,107	756	1,650	-894		15,327	31,415	-16,08
	Parsul tank .	21,110	699	21,809	71	161	-90		918	710	20
	Pravara River	•									
	Works-Ojhar Canal	30,963	2,064	83,027	720	1,869	-1,149	***	9,919	15,661	5,74
	Bhatodi Tank .	85,269	2,702	87,971	642	1,001	-859	***	9.758	9,278	49
	Matoba	18,815	1,327	20,142	936	361	575	2.86	12,113	4,454	7,65
GUJARAT.	Shirsuphal Tank .	91,220	1,237	22,457	293	808	15	***	3,726	4,518	-82
Gra	Bhadalvadi ".	21,311	1,431	22,742	821	299	22	-10	3,380	3,271	10
AMD	Ashti "	75,219	7,891	88,110	627	418	214	•26	5,477	9,438	-8.96
DECCAN	Upper ManeRiver Works	40,754	2,316	43,070	682	418	264	· 6 1	7,211	7,780	50
-	Yerla River Irri-	AF 490	4 0 4 7	69,785	1 110	515	598	*86	12.045	14,998	2,94
	gation Works . Maini Tank .	65.438 36,662	4,347 2.303	38,965	1,118	290	201	.53	10,129	9.526	
		16,125	635	16,760	198	144	54	-32	5,030	5,842	
	Gokak Canal, lat	10,120	000	10,700	780	7.63	Uni		-	0,012	
	Section and Storage Works	81,514	3,264	(c) 84.778	2,244	715	1,529	1.80	14,809	4 5 1 9	10,29
			9,129	84,952	1,821	j,261	560	.66	27,985	21,711	
	Other works	75,858	9,120	O46,810 B	1,021	7,201	360		21,000	**,***	
	OTAL DECOAR AND GUJARAT	656,503	45,538	702,041	12,774	10,203	2,571	•36	148,222	149,856	-1,63
1	TOTAL BONBAY .	1,013.267	61,801	1,074,588	132,135	51,984	80,151	7:46	3,092,378	1,446,145	1,646 28
	, Ibrigation	3;159,404	178,400	3,337,904	521,003	216,350	304,658	9.13	11,810,068	5,629,701	5,680,86
	RAND NAVIGATION		68,859	1,970,556	64,177	42,625	21,352	1.08	2,779,186	1,406,424	1,378,7
ľ	TOTAL .	5,061,101	947 959	K 909 980	585,180	259,175	328,003	6:14	14,089,254	7,036,125	7,053,1

⁽a) Excludes Rx. 39,128, share due to old irrigation.

(b) Exclusive of Rx. 41,367, expenditure incurred from the grant under 35—Construction of Protective Irrigation Works which is shown under Major Works.

30. This table shows that in 1896-97 the highest percentage of return on the Capital expended was derived from the embankments in Lower Burma, followed by the canals in Sind, the Punjab, Upper Burma and Madras in the order named. The works in the Deccan and Gujarat show the worst results.

31. The net revenue derived in 18969-7 from the works constructed for irrigation purposes (excluding navigation) taken collectively amounted to 9.13 per cent. on the Capital outlay to end of the year against 8.24 in the previous year. The increase was chiefly due to an improvement of revenue from the canals in Sind: there was a falling off of the revenue from these canals in 1895-96 owing to an insufficient supply of water.

32. The revenue from the navigation canals exceeded the working expenses by Rx. 21,352 against Rx. 19,055 in the previous year. The increase was contributed chiefly by the Calcutta and Eastern canals in Bengal. The net revenue from these canals amounted to 3.51 per cent. on the Capital outlay,

against 2.98 in the previous year.

33. The revenue during 1896-97 derived from Minor Works for which Capital and Revenue accounts are kept is detailed in the following statement, and compared with the revenue of the previous four years:—

	70002-607	RE	9,199	88	£	818,08	64,658	27,291	105,300	145,939	187,170	663,723				
TA BOOK AN	10000-01.	Rr.	14,198	4,891	*	86,697	68,339	28,065	124,600	107,383	135,839	908'092				
Total 20 OF PRITIONS POUR TRANS.	1884-96.	Rz.	13,477	2,118	ŧ	84,182	60,715	23,676	110,132	102,741	189,023	586,014				
Top		Br.	13,262	3,327	:	104,051	54,505	28,347	123,742	104,142	88,046	513,422	ma- tu-			
	Total.	Z.	18,328	2,913	20,227	110,011	62,701	32,855	114,087	106,867	182,135	585,180	518,422	636,014	908'099	000
	Misoslikacous.	Br.	291		g * *	*	1,263	136	87,704	18	1,007	40,499	41,413	88,482	36,260	4
	Fines.	Rr.	\$	83	:	1	:	188	190	\$	81	603	340	52.23	803	
	Bentu of baildings.	Br.	10	\$	* * * * * * * * * * * * * * * * * * * *	130	588	:	80	18	25	625	619	969	909	
	Navigation receipte.	Br.	0 0	* * * * * * * * * * * * * * * * * * * *	0 U 0	*	61,004	•	•	11,462	9 0	62,466	747,23	60,326	089'09	
	Water-power.	Bx.		111	*	* 0	*	2,343	:	1	1,918	8,678	3,458	2,745	4,363	
	octher cenal produce.	Br.	83	*	0 0	*	187	9 9	202	534	1,017	1,963	2,116	-11,773	3,585	
	Pleatestlons.	Br.	*	•	0 0	24		734	1,062	177	202	2,229	2,914	1,786	2,396	
	Water-supply of towns.	Rz.	*	9 6 8		1		10	*	1,983	•:	1,988	1,013	1,344	1,221	
	stels of water.	Rr.	*	:		u 0	:	254	0	25	84	300	237	880	180	
4	Owners' rates.	Bz.	:	:	•	:	*	1,980		*	:	1,980	830	966	1,220	
IRRIGATION TO TRRUE,	Water-rates.	Br.	1,568	121,2	ŧ	*	25	18,587	16,856	:	18,502	53,203	41,407	49,698	63,346	
TERROR	Spare of enbanced for the form of sub of sub of sub first first first for works.	Bz.	11,897		80,227	109.892	•	8,638	51,984	92,644	114,966	415,737	366,128	391,267	404,077	
			•	٠	•	0	٠	10udh		•	•	•	٠	•	•	
			•	•	•	•	•	North-Western Provinces and Oudh	•	•	٠	896-94	1895-96	1864-95	1893-04	0000
			•					Provi				Total for 1896-97		-	-	
				0.0		and a	•	estern				Tota				
			Bajputana	Baluchistan	Upper Burms	Lower Burma	Bengal	rth-W	Panjab	Madras	Bombay					

34. The gross revenue of 1896-97 exceeded that of the previous year by

Rx. 71,758, owing chiefly to the following causes:-

Upper Burma,—Capital and Revenue accounts were opened in 1896-97 for four irrigation works in this province, previously all works were placed in the category of works for which Capital accounts are not kept.

Lower Burma.—The increase of Rx. 6,026 was mainly due to larger areas having been under cultivation in the Bassein, Thongwa,

Myanaung and Henzada districts.

North-Western Provinces and Oudh .- The increase of Rx. 10,508 was due to the beavy demands for canal water owing to drought.

Bombay.—In 1895-96 there was a falling off in revenue, owing to an insufficient supply of water in the canals in Sind, in 1896-97 the

revenue was more nearly normal.

Punjab.—The decrease of Rx. 9,655 was due to the share of land revenue credited to the Indus Inundation canal in 1896-97 not being

so large as in the previous year. 35. The working expenses of the year 1896-97 and of the previous four years are shown in the following statement:-

	55 - 56 - 56 - 56 - 56 - 56 - 56 - 56 -	Bx.	9,88.5	1,736	* ************************************	29,626	34.586	17,554	68,727	47,908	. 46,732	266,751				
B FOUR TEALS.	1669-94	Br.	4,571	288.2	ā	18,082	89,147	15,652	73,858	28,218	47,071	228,781				
Torals of Phetious four Heals.	1904-95	Bx.	800°F	1,840	Ф Б ф	28,434	37,788	17,265	86,434	35,108	57,711	262,070				
Togai	1896-96.	Br.	3,896	1,887	# 6 9	13,546	36,312	15,853	88,648	83,878	48,267	241,191				
	Total	Br.	4,861	1,539	4,084	18,964	88,047	17,772	87,468	39,471	51,984	259,176	241,191	962.070	228,781	256,751
	Inditect obergee.	Br.	199	84	78	588	873	1,342	8,346	1,110	2,320	9,431	9,264	10,334	8,986	10,168
	Total Direct charges.	Rx.	4,652	1,476	4,006	18,665	82,374	16,430	84,117	38,361	49,664	249,744	231,927	261,736	219,785	246,583
	Suspense.	Br.		1	ф а в	* * * * * * * * * * * * * * * * * * *	:	9 9	QD pred	0 0	:	30	- 50	823	12	-15
	Profit and loss.	Bx.	:	* *		1		0 0			9 9			bb.	*	
	Tools and plans.	Bx.	-106	9	23	98	3,202	199	473	888	324	4,810	9,266	8,034	8,196	3,185
_	Retablishment.	Br.	2,085	457	2,497	8,793	4,806	9,679	24,083	11,826	19,353	83,584	79,081	93,919	83,482	89.334
*1	enlager bas sournestalaM	Br.	2,673	1,018	1,391	7,479	19,460	5,014	48,431	\$2,819	28,011	136,326	129,752	127,148	122,003	121.183
-04	Extensions and improv	Re	:	:	98	2,362	4,906	1,508	11,112	3,047	1,976	25,006	19,878	27,963	11,012	82 996
_		1	•	•	• ,	0		•	*	•				*	•	
			٠	•	0		٠	•	٠		٠	1.6-96	1895-96	1894-95	1893-94	1802.03
	· ·		•	•	٠	٠	•			•	٠	Total for 1896-97	38	-	18	
						•	6	•			•	Tota				
				۰	•	•		apa		٠						
					•	•		o pue s	•	6	•					
			•	•	•	•	٠	rovince	•	۰	•					
			•	٠			•	tern F	•	•						
			Rajputana	Baluchistan	Upper Barms	Lower Burms	Bengal .	North-Western Frovinces and Oadh	Punjab	Madras	Bombey .				-	•

36. The charges for maintenance and working for the year 1896-97 were more than those of the previous year by Rx. 17,984. The principal increases occurred in Upper and Lower Burma and Madras. The expenditure in Upper Burma was on works, the outlay on which was previously recorded under the head "Works for which Capital accounts are not kept." The increase in Lower Burma was mainly due to an increase in the collection charges in the Civil Department. The increase in Madras was due to large expenditure, incurred during the year on the improvement and maintenance of several works.

37. The following table gives the percentages of expenditure on the total expenditure and on revenue collected in each province during the five years

ending 1896-97:-

BORS. Indiancy Changes. Total.	On revenue On total On revenue On total On revenue collected.	54-90 4-10 1-49 100 52-59 19-50 1-49 100 52-59 19-50 1-59 100 52-1	43.66 3.64 1.61 100 44.39	\$7.93 \$77 1.11 100 \$9.85 \$7.93 \$7.93 \$7.93 \$7.00 1.05 100 \$8.98 \$7.93 \$7
Total Direct Charges.	On total On responditure.	95.34 96.09 96.09 96.09 96.09 97.19 97.19 98.33	96:36	906.20 97.30 907.30 907.30 907.40 907.40
TOOLS AND PLANT.	On revenue	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	do do	:: 4 28 28 28 28 28 28 28 28 28 28 28 28 28
Tools	On total expenditure.	81.9 81.0 81.0 81.0 80.0 80.0 80.0 80.0 80.0	1.96	# ::40 107.0 107.0 10.0 10.0 10.0 10.0 10.0 1
Bora Statoste ant.	O revenue	15.64 18.84 7.99 22.46 22.11 11.07	14.28	128.98 7.48 118.59 18.59 19.08 19.09
Evran	On total	28.298 28.69 28.114 28.14.54 28.154 37.998 37.998	\$0.5 08	28.79.1 28.79.1 28.79.1 28.79.1 28.79.1 28.79.1 28.79.1 28.79.1
Mainthanch afb Kapases,	On revenue	20-06 34-95 6-80 6-80 15-36 21-36 21-36	28:30	119-01 80-45 118-69 118-69 118-69 118-69 118-69
Marse	On total Erpenditure.	56-10 66-11 66-11 89-18 88-89 87-81 87-81	59-65	483.94 78.10 84.08 67.78 60.95 60.95 60.95
Extractions and improvements.	On revenue collected.		86.4	
Mark	On total	19.48 19.48 19.77 19.77 19.77	\$	27.86 3.63 3.63 3.63 3.63 3.63 3.63 3.63 3
		Rajputana . Rajputana . Baluchistan Upper Burma Lower Burma Bengal North-Western Provinces and Oudh Madras Bombay .	TOTAL	Rejputana Rejputana Baluchistan Upper Burma Lower Burma Bengal North-Western Provinces and Oudh Radras Bombay

		Extensions An Improvements,	Extensions and Inchesions	MAINTEN	MAINTENANCE AND BRAINS.	Beyabli	Betablishmerte.	TOOLS AND PLANT.	PLANT.	TOTAL DIRECT CRANGE.				Laborator Co.	
		On total	On revenue collected.	On total Expenditure.	On revenue noilected.	On total expenditure.	On revenue	On total expenditure.	On revenue collected.	Ou total expenditure,	Cn revenue collected.	On total expenditure.	On revenue collected.	os tosas expenditure.	collected.
1894-96	•	7.61	60.00	46.50	13.82	43.24	12.85	16	8 :	98-38	28-61	3.78	1.11	100	80.78
Baluchistan .	• •	: :	: :	47 ::	K-09	98.80	8.84	-24	.13	98.46	23:32	2.14	19.	001	23.83
Barma .		19.87	11.59	18-79	80.88	88.88	24.13	\$.02	3.64	95:47	71.13	7.70	5.61	301	72.68
e	Provinces and Ondh		\$-58 4-96 13	28.61 58.63 58.63 58.63	86.84 80.00 80.00 80.00	30.19 81.04 81.04	10.60	\$ 65 A	8d ≥ 61	95.79 97.02 96.64	76.17 33:14 40.18	8.03 8.03 8.08 8.08	1.39	888	78-45 84-16 41-51
Bombay			2.80	88.98	15.00	02.00	17.63	1016	99.	90.96	96-99	8-84	1.98	100	68.89
	Toral .	10.67	60 00 100	38.95	00.02	0000									
1893-94-		4.16	1.84	80-14	19:37	87 12	11-96	19	143	96-98	\$1-24 44-40		1.23	100	22-21 45-63
Balachistan			: :		78,00	99 ::0	90.0	:	80	00.86	18:46			100	18-84
Lower Burns.		34.00	6.40	30-91 58:06	65.82 43.42	31.81	23.79	5.67	73.7	97.55	71.46	4.45		99	74.79
North-Western Provinces and	noes and Oudh		8-69	0x-0x	18:50	28.80	34.04	22.	35	86.98	56.87			900	69.32
Punjab		16.24	10.4	76.01 39.88	19:99	35 05	9-22	1.43	8. 94 24.	86.20	83.44			39	35.75
Somosy .			90:	53-87	21-77	36.40	14.89	1.40	- 67	40.96	39.19	89.03	1.61	100	90.80
	TOTAL								-	0000	104.00	1			107.46
1892-03-		.78	*84	77-31	83.07	21.10	99.68	25.1	-	89.40	98.68	10.60	4.66	901	43.98
Baluchistan									.00	97.78	32.10			-	32.84
Lower Burms	•	-	18:48			000	21.51						_		64.32
North-Western Provinces	and Oud	h 6.83		87.94	17.97		-								85 27
Ponjab		13.94													36-75
				46.48	17.08			1		1,	1	-			
		0 1	E-7-2	61.47	81.50	36.08	16.95	1.24	.57	96.04	. 43.75	8-96	1-81	100	99.97

38. The percentage of expenditure on revenue for the whole of India during the year 1896-97 was little more than half that of the previous year. The figures for the respective provinces show widely different results. The cost of maintenance and working of the canals in the Punjab, in Bengal, and in the North-Western Provinces and Oudh absorbs a very large portion of the gross revenue.

39. The rates per acre irrigated in the different provinces during the year 1896-97 were as follows:—

			Irrigation	* 1 4.1	Bate of	COMPARID V	FITH BATS II
			revenue.	Irrigated acreage,	per acre.	1008-06.	1804-95.
,			Rx.	Acres.	Rz.	Rx.	Rx.
Baluchietan • •			2,964	8,855	*88	•33	•43
Bengal	• •		642	400	040	000	***
(Decoan and Gujarat			13,215	89,294	•84	.38	· 61
Bombay { Sind			176,925	805,703	*22	20	*22
Enjputana		•	13,210	36,653	•36	-39	-37
Madras			188,884	528,424	•35	*85	'37
North-Western Provinces and	Oudh .	٠	31,97 0	177,978	•18	.18	: 27
Punjab	. •	٠	78.375	648,880	-12	.18	•10
							,
	Total	۰	501,135	2,235,277	•22	29	•22
Lower Burma			(a) 110,077				
	Total	•	611,212				

⁽a) Represents actual collections.

Note:—No acreage is quoted against Lower Surma as the works concerned are only river embankments. The information as regards
Upper Burma is not complete.

Works for which Capital Accounts are not kept.

40. The receipts and expenditure on account of these works during 1896-97, as recorded in the Finance and Revenue accounts, are shown in the following statement, in comparison with transactions of the previous four years:—

Works for which Capital Accounts are not kept.

1	In	PURIAL.	Paovis	DIAL.	Loc		Tor	AE.
	Direct Beceipts,	Expenditure.	Direct Receipte.	Expenditure.	Direct Receipta,	Expenditure,	Direct Receipts.	Expenditure,
1	Rx.	Rx.	Rx.	Rx.	. Rr.	Rx.	· Rx.	Re.
Rajputana	* 000	95	000	960	100	884	***	95
Baluchistan · · ·	•	000	•••	888	000	000	000	404
Upper Burms	. 46	48,992	900	•••	6,497	5,275	6,548	49,267
Lower Burms	•	040	11,847	45,780	***	345	11,947	46,075
Bengal		0 0 0	27,908	92,841	1,638	480	29,581	93,821
North-Western Provinces Oudh	and .	9.6*	***	8,745			•••	8,745
Punjab	• 60	15,619	18,208	7,087	1,119	5,050	14,898	27,729
Madras	• •••	•••	4,266	818,318	•••	1,086	4,266	319,354
Bombay	7,27	4 187,808	006	***	404	•••	7,274	187,308
Total for 1896-97	7,38	36 247,002	67,224	472.701	9,244	12,186	78,854	781,889
1895-96	7,97	252,576	53,948	894,602	11,009	11,494	72,986	658,674
1894-95	7,6	243,808	58,470	419,873	11,877	8,365	78,001	671,546
1893-94 . • •	8,0	206,368	53,485	418,536	5,978	6,494	67.468	633,398
1892-93	. 6,3	54 240,450	47,718	443,759	8,686	10,509	62,755	694,718

41. The foregoing table shows that up to 1894-95 the direct receipts realized from this class of Minor Works had been increasing steadily. The fall in 1895-96 occurred in Bengal and was due chiefly to the recoveries on account of capitalized maintenance charges of the Howrah drainage scheme, which were hitherto accounted for under this head, having been adjusted in the accounts for 1895-96 under the debt head "Drainage advances;" and partly to a falling off in the receipts from the Nadia river owing to the very unsatisfactory state of the river. The revenue in 1896-97 exceeded that of the previous year by Rx. 918. The increase is the net result of several small increases and decreases. A large portion of the revenue derived from this class of works is assessed and collected with the Land Revenue and is accounted for under the head "I.—Land Revenue" in the Civil Accounts. It is only in the Irrigation revenue reports of the Public Works Department that credit for such indirect receipts is taken.

42. The expenditure from Provincial funds during 1896-97 exceeded that of the previous year by Rx. 78,099. The increase was mainly due to larger grants than in the previous year having been provided by the several

Local Governments.

CALCUTTA;

The 21st March 1898.

A. B. BECHER,

Accountant-General, P. W. Dept.

Documents accompanying.

Abstract Account of Revenue and Expenditure on Irrigation Works during 1896-97-

Statement snowing the financial results, as affecting the general tax-payer, in respect of the construction of Irrigation Works in India, exclusive of works of minor importance.

No. 11 I, dated the 21st March 1898.

Submitted to the Government of India, Public Works Department.

No. 408 C. W. M.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Miscellaneous.

RESOLUTION.

Simla, the 19th August 1898.

Review of the Revenue and Expenditure recorded under the head "Civil Works" and "Famine Relief" in the accounts of the Government of India for the official year 1896-97.

READ-

Note by A. R. Becher, Esq., Accountant General, Public Works Department, upon the accounts of Revenue and Expenditure recorded under the head "Civil Works" and "Famine Relief" in the accounts of the Government of India for 1896-97.

RESOLUTION.—The total Revenue and Expenditure under the head "Civil Works" in 1896-97 amounted to Rx. 5,503,667, being very little less than the average of the transactions of the last five years which amounts to Rx. 5,548,022-

- 2. The total revenue amounted to Rx. 634,946, showing a falling off of Rx. 29,187 compared with the figures of 1895-96. There had been a steady increase in the total revenue from Rx. 577,330 in 1891-92, to Rx. 632,823 in 1894-95, and a more rapid rise in the following year when the maximum of Rx. 664,133 was reached. Although there has now been a check to the yearly increase; the figures of the year under review exceed the average of the last five years by Rx. 12,814.
- 3. Nearly half of the total revenue is collected under the head "Ferry Receipts," the amount being Rx. 311,709 against Rx. 316,347 last year, and Rx. 304,106 the average of the past five years. There was a falling off under the heads "Sales of buildings," "Fines," "Refunds and Miscellaneous" and "Tolls on Roads." The receipts from the two last named sources were less than the average of the last five years. Those under "Sales of buildings" must necessarily vary considerably from year to year, and, though Rx. 10,539 less than in 1895-96, they slightly exceeded the five years average. The receipts from rents of buildings amounted to Rx. 57,507 as compared with Rx. 58,655 last year, but are nearly Rx. 15,000 in excess of the figures of 1891-92.
- 4. The net return on the capital cost of buildings for which rent is charged felt to 1.56 per cent. which is less than the return realised in any of the preceding five years. The explanation given is the larger outlay on repairs, but the results regarded from the point of view of a landlord are very unsatisfactory. In Bengal where the value of rentable Government buildings exceeds that of any other Province, except Bombay, the net return was only 1 per cent., while in Coorg and Assam there were deficits, amounting to 0.69 and 0.81 per cent., respectively.

5. With reference to paragraph 3 of the Accountant General's note it is noticed that the cost of annual repairs of rent-free and other buildings compares as follows:—

	Class.		Capital Cost.		Cost of Repairs.		Percentage.
		(0)	Rx.	TOWNS B	Rx.		
°X.	Rented		1,047,709	000	30,564		2'92
2.	Rent-free	• • •	915,922	•••	14,786	***	1.61

The percentages in some Provinces differ considerably as will be seen from the following table:—

(20%)	2			Rented.		Rent-free.
Madras	4 * *	***	0 + 0	2.79	•••	1'50
Bombay		0 0 0	***	2.07	440	1.60
Bengal	900	***	400	4.33	•••	1'47
Rajputana		1/ ***	***	5'33	•••	1.00
Central Pro	vinces	0.00	***	4.08	***	1'55
North-West	ern Pr	ovinces and O	udh	3.31		2.84
Punjab	800			2.46		2.38

The percentages of repairs in case of rented buildings are greater than those of rent-free buildings except in the North-Western Provinces and Oudh. In this Province and the Punjab the disparity is not so marked. The Government of India would be glad if Local Governments and Administrations concerned would explain the cause of the differences.

6. The total expenditure for the year was Rx. 4,868,721 compared with Rx. 4,893,516 in 1895-96, and Rx. 4,925,890 the average of the last five years.

The actuals of the year (omitting outlay from Excluded Local Funds and Contributions) compare as follows with the figures for last year, and with the average of the last five years:—

Fu	nd heads.		1896-97.	1895-96.	Average 1891-92 to 1895-96.
			Rx.	Rx.	Rx.
Imperial	\$ d 4	•••	809,383	763,458	782,140
Provincial	· 33 •••		2,131,781	2,063,159	2,158,903
Local	•••	•••	1,685,125	1,777,957	1,704,044
	TOTAL	•••	4,626,289	4,604,574	4,645,087

These figures show that, while the expenditure under Provincial and Local are nearly normal, the Imperial expenditure exceeds the five years average by Rx. 27,243.

Of the total outlay on new works Rx. 961,520 was spent on buildings by Departmental and Civil officers and Rx. 590,330 on roads.

7. In addition to the expenditure shown above Rx. 1,449,383 were spent during the year on Famine Relief Works. Of this sum Rx. 107,046 were expended on Railway and Irrigation Works while the balance was distributed as follows:—

ws.—			Imperial.	Provincial.	Local.	TOTAL. Rx.
Communica	tions		942,184	47,308	13,023	1,002,515
Miscellaneo	us Public Im	prove-	299,950	25,646	14,226	339,822
ments.	TOTAL		1,242,134	72,954	27,249	1,342,337
			Company of the Control of the Contro			the state of the s

- 8. The figures given in paragraph 11 of the note by the Accountant General, Public Works Department, show that, though the percentage of Establishment charges on the outlay on works and repairs by Public Works Department officers has fallen from 31.69 in 1894-95 and 29.86 in 1895-96 to .28.18 in the year under review, it is still higher than it should be.
- 9. It is observed that the Royal Indian Civil Engineering College at Cooper's Hill has paid its expenses for the first time since 1890-91, the income exceeding the expenditure by £230.

ORDER.—Ordered that the foregoing, ORDER.—Ordered that the foregoing,
The Governments of Madras and Hombay (General), Bengal,
the North-Western Provinces and Oudh, the Punjab, and Burma.
The Chief Commissioners of the Central Provinces, Assam,
and Coorg.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana, and Baluchistan.
The Superintendent of Port Blair and Chief Commissioner,
Andaman and Nicobar Islands.
The Accountant General, Public Works Department.
The Director General of Military Works.

with a copy of the Note be forwarded to the Local Govern-

Administrations ments,

Officers noted in the margin for

information.

Ordered, also, that a copy of the Resolution and Note be forwarded to the Finance Department, and that the papers be published in the Supplement to the Gasette of India.

T. HIGHAM,

Joint Secretary to the Government of India.

Documents accompanying.

Note by Accountant General, Public Works Department, with accompaniment.

Accompaniment to P. W. D. No. 408 C. W.-M. of 1898.

Note by A. R. Becher, Esq., Accountant General, Public Works Department, upon the accounts of Revenue and Expenditure recorded under the heads "Civil Works" and "Famine Relief" in the accounts of the Government of India for 1896-97.

General.

The amount of Revenue and Expenditure exhibited in these accounts and reviewed in the following paragraphs is:-

> Revenue . 634,946 Expenditure 4,868,721*

REVENUE.

1. The Revenue credited in the accounts of the Government of India for 1896-97 under the head "Civil Works," which amounted to Rx. 634,946, was brought to account as follows:-

> 181,304 by Public Works Officers in India. 409,588 by officers of other Departments in India. 43,554 in England.

634,946

2. The principal heads are detailed in the table below:

				COL	LLECTI	ONS.			
Sources on Beverus.	Br	Public Wo	BES OAMIC	RB0,	Br Op	FIGURE OF C	THER DEP	ATHERITA.	
	Imperial.	Provincial.	Local.	Total.	Imperial.	Provincial.	Local.	Total,	GRAND TOTAL.
India. Rents of buildings Sales of Fines, Refunds and Miscellaneous Ferry receipts Tolls on roads Other items	Rr. 14,200 643 316 289 476	Rx. 88,587 5,631 26,035 6,250 59,688 27,141	Rx. 300 459	Rx. 58,087 6,274 26,810 6,250 59,977 29,406	Rs. 60	Rx. 2,713 5,680 861 84,644 8,611 4,047	Rx. 1,707 283 4,780 210,815 85,068 40,819	Rx. 4,420 5,963 5,701 805,459 43,679 44,366	Rs. 57,507 12,287 82,511 311,709 103,656 73,772
TOTAL	15,928	168,882	2,549	181,804	60	116,556	292,972	409,588	591,393
England. Royal Indian Civil Engineering College, Cooper's Hill Exchange	***	986	***	***	200	000	***	£ 0.0 0.2.0	26,224 17,830
TOTAL .	***			000	600	* ***	***	016	43,554
GRAND TOTAL .	100	450	***	***	000	***	***	***	684,946
Per details by Provinces, see page of accounts	V	VII	VII	0.0	V	VII	VII	146	

A comparison of the actual revenue derived from "Civil Works" with the Budget and Revised Estimates is given below :-

Budget Revised Actuals. Estimate. Estimate. Rx. 614,600 686,600

The increase of Rx. 20,346 over the Budget Estimate was contributed chiefly by Bengal and Madras. The increase in Bengal is attributed to an increase in the profits of the Calcutta workshops and in the Government share of the surplus profits of the Darjeeling-Himalayan Railway. In Madras the increase was due to larger receipts from rents of buildings and from the sales of buildings and tools and plant.

Includes ontlay from Excluded Local Funds and Contributions amounting to Rx. 242,432.

3. Rents of buildings, Rx. 57,507.—The receipts from this source compare as follows with the realizations in the four preceding years:—

		YEARS.					By Public Works Officers.	By Officers of other Departments.	* Total.
							Rx.	Rx.	Ŕx.
1892-93							41,640	4,195	45,885
	•	•					49,973	4,405	54,378
1893-94	0	0	•		•		49.092	4,898	53,990
894-95				•	4	•	53,720	4,935	58,655
1895-96	0	•		•					57,507
1896-97							53,087	4,420	31,001

The net return on the capital cost of buildings set apart as residences, excluding those allotted rent-free, is 1.56 per cent., as shown below, against 2.11 per cent. in the previous years. The decrease is due to larger outlay on repairs:

		CAPITAL C	OST OF BU	OCOUNTS.	HOM		COPT OF	Repairs.	20.4	Percentage
	Paovinces.			AMOUNT.		Rents roalized.	77 A Co.	Other	Net return excluding repairs to	of net return on Capital cost
		Your of the account.	Bent-free buildings.	Other Buildings.	Total.		Rent-free buildings.	buildings.	rent free buildings.	excluding rent-tree buildings.
	Central India	1896-97	Bx.	Rx. 20,294	Rr. 20,294	Rx. 992	Rx.	Rx. 619	Rx. 878	1.84
	Rajputana	do.	6,039	21,152	27,191	1,142	64	1,128	16	-07
India	1	do.	2,922	7,130	10,052	92	80	141	-49	69
	Baluchistan .	do.	498	62,002	62,002	2,084	***	1,005	1,079	1.74
	TOTAL INDIA .	•••	8,961	110,578	119,581	4,810	144	2,898	1,417	1.28
Centr	al Provinces	1896-97	27,981	29,231	57,212	1,472	484	1,194	278	-95
Uppe	r Burma	do.	31,510	68,448	99,952	8,622	865	2,711	911	1.33
Lowe	F 20 0 .	do.	23,957	117,184	141,091	6,215	144	2,824	8,391	2.89
Asset		do.	***	46,088	46,083	1,822	•••	2,196	-374	81
Bengi		do.	401,538	142,446	543,984	7,441	5,942	6,009	1,432	1.00
North	Western Provinces	do.	82,828		100,726	2,838	919	1,581	1,252	1.88
Punja	ıb	do.	88,703	188,748	222,446	5,858	1,988	3,424	2,434	1.75
Madn		do.	64,897		199,150	5,918	974	3,749	2,169	1.61
Romb		do.	241,052	192,446	438,498	7,446	8,876	8,088	8,468	1.79
	TOTAL .	900	915,922	1,047,709	1,963,631	46,937	14,786	80,564	16,373	1.26

^{4.} Ferry Receipts, Rx. 311,709.—This is the principal source of revenue credited under the head "Civil Works:" the major portion of it, amounting to Rx. 305,459, was realised by Civil Officers.

The realizations under this head during the last four years are shown in

the following table: -

		YEARS			By Public Works Officers.	By Civil Officers.	TOTAL.
•					Rx.	Rx.	Rx.
1893-94					7,258	293,388	300,641
1894-95					6,268	296,897	803,165
1895-96					7,133	309,214	316,847
1896-97					6,250	305,459	311,709

The following Provinces contributed the largest amounts under this head:

					Рио	VINCES.	,					Amount.
		••										70
												Rx.
sanm	8			•						•	•	16,538
Bombay									4			16,800
Punjab												84.946
Vorth-W	estero	Provi	nces a	nd O	udh	4						 48,85
tengal								•		•		 70,578
Madras												99,286

The incidence of the revenue is-

Imperial						Rx. Nil.
Provinci	al				•	100,894
Local	۰	4	٠			210,815
				TOTAL		311,709

EXPENDITURE.

5. The Expenditure recorded in the accounts for 1896-97 under the head "Civil Works," amounts to Rx. 4,868,721. Of this sum—
Rx. 3,409,045 were expended by Officers of the Public Works Department;

1,817,503 by Officers of other Departments;

4,726,548

142,178 in England, including exchange, but exclusive of Rx. 9,579, the value of stores supplied to India, included in the outlay upon the works concerned.

4,868,721 TOTAL. ,,

6. The following table compares the actuals of the year (exclusive of outlay from Excluded Local Funds and Contributions) with the Budget and Revised Estimates:-

		1	Funds				Budget Estimate.	Revised Estimate.	Actuals.
Imperial Provincial Local	•	•	0 4	•	•	•	Rx. 850,300 2,306,000 1,750,900	Rx. 820,600 2,205,900 1,882,700	Rx. 809,383 2,131,781 1,685,125
		•		To	TAL		4,907,200	4,859,200	4,626,289

Imperial outlay, Rx. 809,383.

As compared with the Budget Estimate, the decrease of Rx. 40,917 was due partly to a surrender of Rx. 30,000 from the grant for the Bangalore Water-Works, owing to the estimate not being sanctioned in time to admit of the grant being fully utilized, and partly to the requirements of several other works having been over-estimated. Compared with the Revised Estimate, there was a lapse of Rx. 11,217, mainly due to an over-estimate of expenditure.

Provincial outlay, Rx. 2,131,781.

The total lapse from the Revised Estimates under this head was Rx. 74,119, which was the net result of a lapse of Rx. 78,613 of the expenditure under Departmental Officers and an excess of Rx. 4,494 of that under Civil Officers.

Incorporated Local Fund outlay, Kx. 1,685,125.

Under this head there were lapses of Rx. 44,634 of the expenditure under Departmental Officers and of Rx. 103,211 under Civil Officers.

In both the above the lapses were due to an over-estimate of the requirements of the year.

The total expenditure of the year has been charged in the accounts under the following heads:—

	7						}			Rx.
	New works			٠				٠	•	1,908,534
	Repairs .	•			• 33	• 13			•	1,828,213
	Tools and plant				• 19		•	0	•	58,951
	Suspense .		•							23,240
	Miscellaneous (C	ontril	butions	to	Municipa	lities	, etc.)			36,552
	Establishment	•	•		•			•		876,078
	433									4,726,548
4	Idd— In England									142,173
	10 20g.		•							-
4							Тот	LL		4,868,721 (a

7. The services on which this sum was spent and the funds from which it was provided are shown below. The outlay from Excluded Local Funds and Contributions, Rx. 242,432, represents money expended mainly on works requiring professional skill, carried out by the Public Works Department for local bodies and institutions:—

SERVICE AND DEPARTMENTAL HEADS.	Imperial.	Provincial.	Incorporated Local.	Excluded Local, Local Loans and Contribu- tions.	TOTAL.
INDIA.	Rx.	Rx.	Rs.	Rx.	Rz.
Poblic	WORKS OFFI	CRRS.			
Civil Buildings -	1 1				000 490
New works	210,992	589,725	25.752	88,004	888,473 287,368
Repairs	73,984	192,286	14,227	6,921	201,000
Communications -				8.030	000 #40
	95,585	144,011	151,249	7,918	398.763
Repairs	95,611	461,271	220,632	11,908	789,422
Miscellaneous Public Improvements-					000 10M
	. 11,119	46,177	30,880	121,011	209,187
Repairs	2,169	17,767	19,709	40,921	74,566
TOTAL WORKS AND REPAIRS	. 519,410	1,445,237	456,449	226.683	2,647,779
Entablishment	128,895	469,604	83,662	11,540	693,701
Tools and plant	8,430	29,984	5,266	695	44,325
Suspense	4,855	14,612	259	3,514	23,240
TOTAL PUBLIC WORKS OFFICERS	661,590	1,959,387	545,636	242,432	3,409,045
	F OTHER DES	ABBRERGE			
	A OLHER MARI	ARIMBN 10.		1	
Civil Buildings— New works	3,740	14.718	55,589	444	73,047
Repairs	1,004	8,015	42,999		52,018
Communications-	990	0 703	184,726		191,567
New works	. 120 640	6,721	559,147	***	575,177
Repairs	. 040	10,000	000,147	***	010,211
Miscelianeous Public Improvements-		00.000	#7 130		147,497
New works	. 35	90,850 15,212	57,112 34,317		49.062
Repairs	. 133	10,212	0.01011	***	
TOTAL WORKS AND REPAIRS	4,672	150,406	933,890	***	1.088,968
Establishment	. 424	11,966	169,957	***	182,37
Tools and plant.	. 407	216	9,003		9,626
Miscellaneous	. 117	9,806	26,009	***	36,532
TOTAL OFFICERS OF OTHER DEPARTMENTS	. 5,620	172,394	1,139,469		1,317,508
TOTAL	667,210	2.131.781	1,685,125	242,432	4,726,548
	001,010				
ENGLAND.					
	s Hill .				25,995
Boyal Indian Civil Engineering College, Cooper'		mentee and	furlough al	lowances of	50.000
Royal Indian Civil Engineering College, Cooper' Other charges in connection with the training of Military and Civil Officers employed in the	of officers, al	Department	, etc., etc.		59,608
Other charges in connection with the training of Military and Civil Officers employed in the	of officers, al Public Works	Department	, etc., etc.		
Other charges in connection with the training of Military and Civil Officers employed in the	of officers, al	Department	, etc., etc.		85,603
Other charges in connection with the training of Military and Civil Officers employed in the	of officers, al Public Works	Department	, etc., etc.		

8. Outlay in England.—The outlay in England, exclusive of the value of stores charged to works, compares as follows with the actuals of the previous four years:—

DETAILS.	1892-93.	1898-94.	1894-95.	1895-96.	1896-97.
•	£	L	£	£	2
Salaries of President, Professors, etc., and other Charges of the Royal Indian Civil Engineer- ing College, Cooper's Hill .	28,184	30,330	26,944	26,489	25,995
Salaries, etc., of passed students detained in England .	4,537	8,683	3,847	3,999	3,709
Passage to India of Officers on appointment	761	611	611	656	545
Furlough pay and absentee allowances of Officers of the Public Works Department .	49,208	49,729	47,091	52,749	55,312
Salaries, etc., of Indian Officers of the Public Works Department undergoing training in England .	479	854	87	165	42
Remuneration for professional services	368	379		•••	404
	88,532	85,086	78,580	84,058	85,608
Exchange	50,255	55,294	65,377	63,865	56,570
Total .	183,787	140,380	143,957	147,928	142,178

9. The direct charge to the State under the head "Civil Works" on account of the Royal Indian Civil Engineering College at Cooper's Hill was—

	Charge in sterling	. Income in ster	ling.	Mer curide
	£	£		£
In 1896-97	25,994	26,224	200	230
,, 1895-96	26,489	24,724	-	1,785
,, 1894-95	26,944	25,342	=	1,602
1898-94	80,330	25,828	==	4,502
1892-93	28,184	27,704	=	480
, 1891-92	28,017 -	27,197	==	850.
,, 1890-91	 24,905	24,878	-	27

There was a small decrease in expenditure during 1896-97 while the income was in excess of that of the previous three years. The net result was a credit of £230.

10. Omitting the outlay from Excluded Local Funds and Contributions, in regard to which the Public Works Department is merely the executive agency employed to carry out the work, the outlay in India on "Civil Works" during 1896-97 compares as follows with that incurred during the four presenting years:—

HEADS OF SERVICE.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Rz.	Rx.	Rz.	Rx.	Rx.
		Public	Works OF	PICERS.	
Civil Buildings	1,084,082 1,278,582	1,112,382 1,382,855	988,910 1,191,1 6 5	1,053,641 1,202,652	1,180,916 1,168,359
Miscellaneous Public Improve- ments Tools and Plant Suspense (Stock, etc.)	129,853 57,972 —10,522	97,653 41,427 —17,937	111,266 83,179 —81,218	128,783 38,005 —34,077	121,821 43,680 19,726
Total, exclusive of Establishment Establishment	2,539,967 684,941	2,566,380 711,581	2,243,502 710,830	2,389,004 712,205	2,484,452 682,161
TOTAL PUBLIC WORKS OFFICERS	8,224,909	8,277,961	2,953,632	3,101,209	3,166,613
		OFFICERS O	F OTHER DE	PARTMENTS.	
Civil Buildings	103,008 813,596	104,912 755,082	99,167 779,415	122,196 822,948	125,065 766,744
Miscellaneous Public Improvements Tools and Plant Miscellaneous	144,197 9,140 44,469	131,277 7,998 42,074	152,080 7,157 22,782	198,304 7,836 29,769	197,159 9,626 36,582
Total, exclusive of Establishment Establishment	1,114,410 177,854	1,041,348 170,596	1,060,601 186,741	1,181,058 174,389	1,135,126 182,377
Total Officers of other De-	1,291,764	1,211,989	1,247,842	1,855,442	1,317,503
GRAND TOTAL .	4,516,672	4,489,900	4,200,974	(a) 4,456,651	(b) 4,48+,116

⁽a) Includes £2,317 on account of English stores, plus exchange thereon.

(b) Includes £5,768 ...

11. The expenditure on Establishment bears the following ratio to the outlay on works and repairs by Public Works Officers:—

There has been a small decrease in the percentage as compared with the previous year.

12. The Provinces, in which the percentages are highest, are given below, and the rate in Central India and Rajputana is due to exceptional circumstances:—

	••								Percentage on outlay on works and
		Central India							repairs. 59.11
					•	,			
0		Rajputana .	0				• 535		4].15
		Central Provinces		0			•		88.77
		North-Western Pro	ovince	s and	Oudh		4		36.10
		Punjab .			•	•		0	28.33
_			1	77 1	11 777	9	0 m		

13. Of the total outlay under Public Works Officers-

	•						Aga	inst in	
							1895-96.	18	394-95.
27	per o	nt. was expe	nded on	new Buildings		. 26	per cent.	28 1	er cent
12	32	22 2	93	Roads .	. 36: 11	. 13	22	14	22
3	. 33	9, 1	99 91	Works of Public	f Miscella: Improveme		,,	6	, ,,
42	33	Total on ne	w Works			. 45	1)	43	2)
1 9		wee ment o	n Repair	of Buildings		. 8		8	
25	32	1)))	2)	Roads		. 24		24	29
1	33	33 33	29	Works of			,,		"
9	•,			Public I	mprovemen	t . 2	91	2	33
35	33	Total on Re	opairs .			. 84	" "	84	23
21	22	of the total	outlay w	as absorbed by	Establish	ment 21	,,,	28	13
2	93	by Tools an	d Plant a	nd Suspense		•		•••	"
23	23		tablishmo	ent Tools and	Plant and			0.0	
		pense	•	• •		. 21	2)	23	21
100	Tot	al	, ,			. 100	•	100	
						-		-	
9	Simil	arly, of the	total or	utlav under	Officers o	f other	Departm	ents-	
				utlay under	Officers o		-		
5	per ce	at. was expen	aded on n	utlay under ew Buildings Roads	Officers of		per cent.		p er cen
	per ce	ot. was expen	ided on n	Roads . Works of	Miscellar	. 5 . 16	per cent.	1 41	
5]4	per ce	at. was expen	aded on n	ew Buildings Roads	Miscellar	. 16	per cent.	1 41	per cen
5]4	per ce	ot. was expen	nded on ne	ew Buildings Roads Works of Public Imp	Miscellar	. 5 . 16	per cent.	16	per cen
5 14 11 30	per cer	nt. was expen	w Works	ew Buildings Roads Works of Public Imp	Miscellar provement	. 16 160us . 10	per cent.	16 8 28	per cen
5 14 11 30	per cel	Total on newas expen	w Works	ew Buildings Roads Works of Public Imp	Miscellar provement	10 10 10 10	per cent.	28 4	per cen
5 14 11 30	per cel	Total on newas expen	w Works	ew Buildings Roads Works of Public Imp Repairs to Buil Roads	Miscellar provement	10 81 45	per cent.	16 8 28	per cen
5 14 11 30 4 44	per cel	Total on newas expen	w Works	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4	per cen
5 14 11 30 4 44	per cel	Total on newas expen	w Works	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4	n er cen
5 14 11 30 4 44 4	per cel	Total on newas expension. Total on newas expension.	w Works	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o Public	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	per cen
30 4 44 4	per cel	Total on new was expensively and the total ment	w Works aded on no "" w Works aded on 1 "" appairs l outlay	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o Public	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4 4 46 4 54	per cen
5 14 11 30 4 44 4	per cel	Total on newas expension. Total on newas expension. Total on Recoff the total ment under Miss	w Works aded on a "" w Works aded on a "" spairs l outlay w	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o Public	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4 46 4 54	per cen
5 14 11 30 4 44 4 52	per cel	Total on newas expension. Total on newas expension. Total on Recoff the total ment under Miss	w Works aded on a "" w Works aded on a "" spairs l outlay w	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o Public	Miscellar provement	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4 4 46 4 54	per cen
5 14 11 30 4 44 4 52	per cell (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Total on newas expension. Total on newas expension. Total on Remove the total ment under Missof the outle	w Works aded on n "" w Works aded on l "" spairs l outlay w cellaneous ay on Too	ew Buildings Roads Works of Public Imp Repairs to Buil Roads Works o Public	Miscellar provement dings	10 16 16 16 16 16 16 16 16 16 16 16 16 16	per cent.	28 4 46 4 54	per cen

^{14.} In Burma, Bengal and Madras the larger portion of the expenditure was on new administrative buildings; whilst in the Central Provinces and Assam the larger amount was devoted to the construction and repairs of roads which are necessary to open up these provinces. In the North-Western

Provinces, Punjab and Bombay more money was expended on maintenance of roads than on buildings.

The principal figures are given in the table below :-

Province.			New Buildings.	Repairs to Roads.	Total expendi- ture under 45 Uivil Works.
			Rx.	Rx.	Rx.
Bengal			155,061	58,591	352,458
North-Western Provinces and Oudh		•	58,330	80,268	522,750
Bombay	•	٠	90,765	78,628	316,663
Punjab				91,060	241,354

15. A few of the principal works, on which outlay from Imperial Funds was incurred, and their localities are noted below. In Upper Burma besides those mentioned, other roads of importance were in course of construction and are designed to open up the Chindwin Valley and Shan States:—

In Baluchistan-

Buildings-New Residency, Quetta. Roads-Chorkhol Dhaua Road.

In Bengal-

New office for Comptroller of Post Offices.

In Upper Burma-

Buildings-Barracks for the Military Police at Myitkyina.

Roads-Myingyan-Fort Stedman, Taungyi-Ngapok, Fort StedmanKengtung, Ruby Mines, Bhamo-Sikaw, and Hlaingdet-Yebokson.

In Assam-

Road from Nichuguard to Manipur.

In North-Western Provinces and Oudh-

Buildings-Constructing Bacteriological Laboratory at Muktesar.

In Military Works Department -

Buildings—New Protestant Church at Jhansi.
New Roman Catholic Church at Quetta.
Miscellaneous Public Improvements—Bangalore Water-supply Project.

In Punjab-

Buildings-Constructing Militia lines, Para Chinar, Kohat.

Reconstructing Public Works Department Secretariat Office at Simla.

The outlay incurred to the end of 1896-97 on the construction of the North-Western Frontier road from Dera Ismail Khan to Khusalgarh was as follows:—

100					Estimate.	Outlay, Rx.	Excess. Rx.
Works .	•		•		325,837	323,28 2	-2,055
Establishment Tools and Plant	•			•	70,070 12,797	70,070 9,407	-3,390
		То	TAL		408,204	402,759	-5,445

In addition to this, outlay to the extent of Rx. 9,075 was incurred on this work and debited to the grant for "44.—Military Works."

16. The outlay from Provincial Funds by Officers of the Public Works Department was expended in the following proportions:-

4			Agai	nst
			1895-96.	1894-95.
•		ent. on new Buildings Roads Works of Miscellaneous Public Improvement	29 per cent. 7 ,,	29 per cent. 9 ,,
	39 "	Total on new Works	89 ,,	40 ,,
	10 ,,	to Roads	10 ,,	9 ,, 24 ,,
	35 ,,	Total on Repairs	35 ,,	34 "
	24 ,,	of the total outlay has gone in payments to Establishment	26 ,,	27 ,,
	2 ,,	on Tools and Plant and Suspense .		
	26 "	Total on Establishment and Tools and Plant, etc.	26 per cent.	26 ,,
	100	Total	100 .	100

17. Madras, Lower Burma, Bengal, the North-Western Provinces and Oudh, and Bombay show considerably larger outlay on new buildings than on new roads. Assam, on the other hand, shows a larger percentage of outlay on new roads than on new buildings. The outlay by Officers of other Departments was comparatively small, and it was chiefly incurred on works of Miscellaneous Public Improvement.

18. The principal works under construction on which outlay was incurred

were :-

In Central Provinces-

Buildings-Additions and alterations to Jail at Narsinghpur. -Betul-Chhindwara. Roads-Mandla-Bilaspur.

In Lower Burma-

Buildings-New Government House, Rangoon. Lunatic Asylum, Rangoon. Reformatory at Insein.

In Hyderabad-

Roads-Bhimla bridge at Paloti.

Metalling the Akola-Akote Road.

Forming nurseries and planting young trees in East, West and South Berar Divisions.

Miscellaneous Public Improvements-Akola water-works.

In Assam-

Cart-road from Maulvi Bazar to Manumukh. Bridges on the Companyganj-Salutikar Road. Roads-

In Bengal-

Buildings-Upper storey on the wing of the new public office, Dalhousie Square, Calcutte.

Extension of out-patient department in Campbell Hospital, Sealdah. Installation of the electric light at Belvedere and Jail, Alipore.

Acquiring land to the east of the Presidency General Hospital, Calcutta.

Additional accommodation for Museum, Calcutta.

New Block for forms in connection with Stamp and Stationery Office, Calcutta.

In Bengal—(contd.)

Buildings—Acquiring land for residential building for Military students,
Medical College, Calcutta.

Boarding-house, Madrasa College, Calcutta.

Additional accommodation in Eden Hindu School, Calcutta.
South Calcutta Hospital, Bhawanipur.
School building for 200 boys, Kurseong.

In North-Western Provinces and Oudh-

Buildings—Constructing main building of the new Kutcherry at Naird Tal.

Protective Works, Sherkadanda hill, Naini Tal.

Roads—Tonga Road from Brewery to Naini Tal.

In Punjab-

Jhelum Bridge at Kohala. River Protective Works, Dera Ghazi Khan.

Simla Water-works,

Umballa Jail. Umballa City Water-supply.

In Madras-

Buildings Additions and improvements to the Collector's Office at Cuddalore.

Collector's Office at Calicut.

New Law College, Madras. Public Office at Tanjore.

Connemara Library and connected buildings.

Roads-Potinghi-Koraput Road.

Miscellaneous Public Improvements—Improvements to Octacamund Lake.

In Bombay

Buildings-Central Jail, Hyderahad.

Gujarát College at Ahmedabad. Head-quarters Police Offices and Lines, near Crawford Market,

Bombay. Narotamdas Madhavdas Lunatic Asylum, Navapada.

-Neri-Ajunta.

Bridge across the river Godavari, Nasik. Bridge at Dapuri over Mulla river.

19. The money from Incorporated Local Funds, assigned for outlay by Officers of the Public Works Department, was expended in the following proportions :-

			A g	ainst
			1895-96.	1894-95.
5 p	er cent	on new Buildings	per cent.	6 per cent
28	27	,, Roads	} ,,	28 ,,
6	,,	" Miscellaneous Public Improvements . 6	335	7
39	23-	Total on new Works	,,	41 ,,
3	>0	on Repairs to Buildings	} ,,	8 ,,
40	50	,, ,, Roads	,,	39 "
2	93-	,, ,, Miscellaneous Public Improvements	, ,,	2 ,,
45	22	Total on Repairs	,,,	44 ,,
15	,,	on Establishment 15	,,	14 ,,
1	10	" Tools and Plant	,,	1 "
16	22:	Total on Establishment and Tools and Plant . 16	3 ,,	15 "
00		Total)	100

20. The following are the percentages with respect to outlay by Officers of other Departments:-

											A	gainst			
		'a								1898	5-96.	1894	L-95.		
16	per cent.	on net	Roads	ngs laneous P	. · ublic	Impro	Yemen	, nte	•	4 per 18 5	cent.	4 per 17 5	cent.		
26	22	Total	on new	Works			•	•		27	13	26	22		
4 49 3	2) 39 31	on Re	spairs to	Building Roads Miscellar		Public	lmpr	oveme:	nte	\$ 50 3	23 33	4 5 0 8	22 22 23		
56	88	Total	on Repa	airs .	•	•	•			56	22	57	13		
15 1 2	1) 3) 3)	, Te	stablishmools and iscellane	Plant	•	•	•	•		14 1 2	32 21 23	15 1 1	>> >> >> >>		
18	"	Total	on Esta	blishment	, Tool	s and	Plant,	etc.	0	17	2)	17	19		
.00		Total		•		0	•			100		100			

21. The principal works in progress under the Public Works Department were :-

In Assam-

Roads—Improving Natwappur Road. Sylhet-Mukhtapurghât. Pagia-Gobindganj. Sunamganj-Pagla. Gauripur-Roha, 2nd and 3rd sections.

In North-Western Provinces and Oudh-

Roads-Baijnath and Hawalbagh Cart-road. Converting Mau and Punch II class road into 1st class road.

In Bombay-

Roads—Miryabay-Shindgi.

Preparing metal for the Athni-Kempwad road.

Havin-Hippargi-Telgi.

Collecting metal for the Ron-Navalgund road.

Improving Palla-Bádámi.

22. The names of the works carried out by Officers of other Departments

cannot be given, as accounts are not received in sufficient detail.

23. The principal works on which outlay was incurred from contributions during 1896-97 are given below; in some cases a portion of the expenditure is also recorded under Provincial:—

In Central Provinces-

Khandwa Water-works. Jubbulpore Water-works Extension.

In Military Works Department -Sandeman Memorial Hall at Quetta.

In North-Western Provinces and Oudh-Sewerage-works, Naini Tal.

In Hyderabad-

Secunderabad Water-works,

In Punjab-

Delhi Water-works. Delhi Sewerage-works.
Umballa City Water-supply.
River Protective works, Dera Ghazi Khan.

In Bombay-

New Cathedral High School, Bombay. Lunatic Asylum at Nawapada. Gujarát College at Ahmedahad. Bridge across the river Godavari at Nasik.

24. The actual outlay on Famine Relief Works by Funds is compared with the Revised Estimate in the following table:-

		Imperial.	Provincial.	Incorporated Local,	TOTAL.
		Rx.	Rx.	Rx.	Rx.
Revised Estimate		1,159,900	140,600	82,300	1,332,800
Actuals		1,826,519	95,615	27,249	1,449,383
	Excess .	166,619	-44,985	-5,051	116,583

25. The detailed account of expenditure by provinces and departmental heads will be found in the abstracts and detailed accounts appended to this review. The expenditure recorded under the head "Famine Relief" in Bombay, North-Western Provinces and Oudh, and Central Provinces was incurred on roads and tanks, in ordinary years expenditure would not have been incurred on these works; in Bombay in some cases metal was collected and broken for certain roads. broken for certain roads.

26. The suspense balances and objectionable expenditure outstanding at

the close of 1896-97 have been reviewed separately.

CALCUTTA: The 16th April 1898. A. B. BECHER,

Accountant General, P. W. Dept.

Documents accompanying.

Abstract and detailed accounts of Revenue and Expenditure recorded under the head Civil Works during 1896-97. Pages i to xvii.

Abstract by Funds and Provinces of the Expenditure on Famine Relief Works in India during 1896-97, compared with the Revised Estimate for the year. Pages aviii and

Appendix-Detailed account of Expenditure of the Public Works Department from Excluded Local Funds during 1896-97. Pages axi and axii.

Appendix—Detailed account of Expenditure from Contributions and Local Loans carried out through the agency of the Public Works Department during 1896-97. Pages xxiii and xxiv.

Appendices Nos. 62 E to 62 An. Classified Abstracts of Expenditure on Civil Works and Repairs during 1896-97 by Funds and Service Heads. Pages xxv to xli.

Accountant General, P. W. D., Memo. No. 304 G., dated 16th April 1898.

Submitted to the Government of India, Public Works Department.

Accompaniment to Accountant General, P. W. D., No. 304 G., dated 16th April 1898.

ABSTRACT by Funds, Departmental Heads, and Agency of Collection and Disbursement of Revenue and Expenditure recorded under the head CIVIL WORKS during 1896-97, compared with the Budget and Revised Estimates of the year and the Actuals of the year 1895-96.

		BWCB, *			For		Ехрант	ITURE.	
etuals, 896-96.	Budget Estimate, 1898-97.	Revised Estimate, 1096-97,	Actuals, 1895-97,	Funds, Departmental Heads, and Agency.	details, see page	Actuals, 1800-97.	Revised Estimate, 1896-97.	Budget Estimate, 1898-97,	Actuals, 1896-96,
Rx	Rx.	Bx.	Rx.	IMPERIAL.		Rx.	Rz.	Rx.	Rx.
				OBIGINAL WORKS-		4144	46.4.	16%.	JSX.
4				Departmental	1	847,696	867,200	354,900	288,66
•	1			Civil		2,595	2,600	2,600	7,86
				Repairs-		350,592	859.800	357,500	296,5
				Departmental		171,714	172,800	179,000	179,16
				Civil .		1,777	2,300	2,200	2,18
				Establishment		173,491	175,100	181,200	181,34
				Departmental		128,895	130,500	134,800	180,17
				Civil		424	800	1,200	88
		•		Tools and Plant-		129,819	131,300	186,000	180.5
				Departmental		8,430	9,600	10,200	6,3
				Civil		407	100	900	000
				Suspensu-		8,837	9,700	10,200	6.3
				Departmental	ix /	4,855	8,200		9
				Civil			411	***	***
						4,855	\$,200	200	8
				MISCELLANBOUS -					
				Departmental		•••	•••	***	***
				Civil		117	•••	***	
				RESBRYS —		117	•••	994	
9				Departmental		***	***	19,300	400
								19,800	
				DEDUCT -		***	***	20,000	***
				Outlay in England-					
				At 2 shillings per rapes		5,768	8,800	1,900	2,31
				Exchange		3,811	3,800	1,400	1,76
						9,579	9,600	3,300	4.07
2,918	15,800	16,300	15,983	Net receipts and outlay in India .	1	657,681	669,500	700,900	611,46
2,835	15,200	16,200	15,923	Total-	1	652,011	663,700	694,900	601,0
78	100	100	60	Carried over {	\ vii }	5,620	5,800	6,000	10,38

ABSTRACT by Funds, Departmental Heads, and Agency of Collection and Disbursement of Revenue and Expenditure, etc.—continued.

	RAVE	NTB.			For details,		EXPUNDE	rvas.	
Actuals, 1995-96,	Rudget Estimate, 1896-97.	Revised Estimate, 1806-97.	Actuals, 1896-97.	Funds, Departmental Hosds, and Agency.	details,	Actuals, 1896-97.	Revised Estimate, 1898-97.	Rudget Butimate, 1890-97.	Actuals, 1895-96.
Rx. 22,833	Rx. 16,200 100	Rz. 16,200	Rx. 15,923	Brought forward { Departmental . Civil .	000	Bx. 652,011 5,620	8x. 668,700 5,800	Rx. 694,900 6,000	Rx, 601,075 \0,368
24,724 18,784	25,20 0 18,900	26,100 17,200	26,224 17,830	ADD— Receipts and outlay in England— At 2 shillings per rupes Exchange on above	} ix {	91,871	91,000	85,600 63,800	• 86,375 65,625
66,348	59,20 0	69,500	59,477	Departmental	***	80 3, 763	814,800 5,800	6,000	753,075 10,383
66,421	59,300	59,600	59,537	Total Imperial .	499	809,383	820,600	850,300	763,458
-				Retablishment— Departmental	ìx	111,789 885,702 671,324 38,617 709,941 469,604 11,966 481,570	86,800 917,400 683,200 36,100 719,300 484,800 11,800	934,900 89,900 1,024,800 678,100 29,400 707,500 11,800 508,800	762,35 102,31 864,56 663,29 43,64 709,93 10,70
				Departmental		29,9 34 21 6	86,300 500	29,100	24,42
				Departmental		30,150	3,600	8,100	84,71 -34,71
				Miscellaneous— Departmental	ai .	9,806	3,600 33,200	6,100	6,0
				-		9,808	83,200	29,400	6,0
	1			Carried ever { Departmental Civil		1,959,387 172,394	2,088,000	2,145,700	1,900,2

ABSTRACT by Funds, Departmental Heads, and Agency of Collection and Disbursement of Revenue and Expenditure, etc.—continued.

	Rava	30 th #*						Fo	2		Expandi	TURE.	
Actuals, 1895-90.	Budget Estimate, 1806-97.	Revised Estimate, 1896-97.	Actuals, 1896-97,	Funda, Departmental H	leads, and	Ageno	y .	detai see pag	lu,	Actuals, 1895-97.	Revised Estimate, 1890-97,	Budget Estimate, 1696-97.	Actuals, 1896-95,
R.z.	Bx.	Rx.	Rz.	Brought forward	Depart	ment	aì.			Rz.	Rx. 2,038,000	Rz. 2,145,700	Rx.
					(Civil	۰	•			172,894	167,900	160,800	162,861
				RESERVE—					1				
				Departmental .	•					•••	***	0.00	800
		•		TOTAL-									
76,216	152,100	162,500	163,332	Departmental .	•	•	•			1,959,387	2,088,000	2,145,700	1,900,29
28,825	122,300	120,500	116,556	Civil	•	•				172,394	167,900	160,800	162,86
305,041	274,400	283,000	279,888	TOTAL P	, HOAING	IAL	٠			2,181,781	2,205,900	2,806,000	2,063,15
				INCORPORATI	ED LO	CAL.							
				ORIGINAL WORKS-									
				Departmental .	•				1	207,881	237,400	225,800	285,37
				Civil	•					297,427	847,700	804,400	321,08
				Repairs—				ix	1	505,908	585,100	580,200	556,41
				Departmental						248,568	260,700	274,000	266,11
				Civil						686,468	691,600	655,800	666,51
										885,080	952,300	929,800	932,73
				ESTABLISHMENT—							00 500	04 800	CR DO
				Departmental . Civil		•				83,662 169,987	86,700 166,100	84,600 170,800	87,09
				Tools and Plant-						258,649	252,800	254,900	250,41
				Departmental .							F 900	F 700	7,26
				Civil			•			5,266 9,008	5,200 8,500	5,700 8,100	7,54
								/	1	8,000	8,000		
										14,269	18,700	18,900	14,81
1				SUSPENSE—						259	000	000	-16
9				Departmental .	•	٠	•	} zi	}		000	•••	000
					•		•					-	-16
				Miscrilanbous-						259		949	-10
				Departmental .)	(\$40	000	604	***
				Civil				} zi	1	26,609	28,800	22,200	28,750
				TOTAL						26,609	28,800	22,200	23,750
2,925	2,700	8,000	2,549	Departmental .)	6	545,636	590,000	590,100	695,758
88,746	278,200	291,000	292,972	Civil		•	•	} zi	1	1,189,489	1,242,700	1,160,800	1,182,198
92,671	280,900	29-4,090	295,521	Total Incorporates						1,685,125	1,892,700	1,750,900	1,777,957

ABSTRACT by Funds, Departmental Heads, and Agency of Collection and Disbursement and Expanditure, etc.—concluded.

	Bevan	ws.			For		Expendit		-
etnale, 605-96.	Budget Estimate, 1896-97.	Revised Estimate, 1896-97.	Actuals, 1896-97.	Funds, Departmental Heads, and Agency.	details, use page	Antuele, 1886-97.	Bevised Estimate, 1890-97.	Budget Estimate, 1890-97.	Actuals, 1696-90,
Rr.	Rx.	Rx.	Rx.			Rx.	Rx.	Br.	Rx.
				• EXCLUDED LOCAL.					
				ORIGINAL WORKS		89,688	78,154	108,200	1 73,88
		,				44,894	4,627	49,616	45,17
				REPAIRS	N siii	8,890	5,395	10.047	9,25
				Ketablishment	17 *** \1	615	328	658	2
				Tools and Plant		3,584	***	***	
				SUSPENSE				100 001	
				TOTAL EXCLUDED LOCAL .		147,121	88,504	163,521	128,5
				CONTRIBUTIONS.					
				ORIGINAL WORKS	1	46,697	64,085	16,159	108,8
				REPAIRS		15,356	17,174	4,310	12,9
				Establishment	N XV	2,988	2,442	1,777	5,1
		Į.		Tools and Plant.		249	195	148	3
						-20	000	400	
				SUSPENSE			0.1.004	02.004	
				TOTAL CONTRIBUTIONS .		65.270	83,896	22,894	127,8
				• LOCAL LOANS.		80.548	23,402		81,4
4				ORIGINAL WORKS	1) (
				REPAIRS	xv }	220	***	000	1,4
				RETABLISHMENT	11 (- 338	> 0.0	***	
			٠	TOOLS AND PLANT	/	-169	•••	000	
				TOTAL .		80,041	23,402	***	88,0
= A.				Jorga .					
				ABSTRACT OF FOREGOING.					
				DEPARTMENTAL-			-		
						803,763	814,800	844,800	753.0
66,843	59,200	59,300	59,477	Imperial	***	1,959,387	2,038,000	2,145,700	1,900,5
176,216	152,100	162,500	163,832	Provincial	***		590,000	590,100	595,
8,925	2,700	3,000	2,549	Incorporated Local	•••	545,636	88,504	163,521	128,4
***		***	***	Excluded Local	*1*	147.121			127,1
	***	000	***	Contributions	an .	65,270	88,896	22,394	58,0
• « •	•••	***	***	Local Loans	001	80,041	28,402	000	
246,484	214,000	225,000	245,358	TOTAL DEPARTMENTAL .		3,551,218	8,638,602	3,766,015	3,588,
				CIVIL-					
78	100	100	60	Imperial		5,620	5,800	6,000	10,8
128,825	122,800	120,590	116,556	Provincial		172,894	167,900	160,800	162,
288,746	278,200	291,000	292,972	Incorporated Local	***	1,189,489	1,242,700	1,160.800	1,183,
417,649	400,600	411,600	409,588	TOTAL CIVIL	800	1,817,508	1,416,400	1,327,100	1,355.
					1	-		-	4,893,

CALOUTTA;
Dated 16th April 1898.

A. B. BECHER,
Accountant General, P. W. Dept.

DETAILED ACCOUNT OF REVENUE DURING 1896-97.

	1	1							~ ^	1	ING :	1080	97.	Zaoja:		2 M. J. or one	
	Eng-	Directo	1	1	INDIA					2		DRMA.	_ D	1	Vorth-		
	land,	of Mil tary Works	putar		Coorg.	Hyder bad.	n- Ba chist	an. To	PAR.	Ascau	Upper Burma	Low Burn	er 8	n- w	Pro-	Punjab	TOTAL
IMPERIAL.		Rx	. Ra	Rx	Rx.	Rx	R	x. F	Rx.	Rx.	Rx.	Rı	r. R	x.	Rx.	Rr.	Rx.
"TPARTMENTAL."																	
Rents of buildings		129	1,23	0 1,025	108		2,86	1 40									
Sales of buildings						000				***	4,611	800	1	1	***	4,781	14,200
hannah fumitus			***	***	100	***	4.9	4	90	868	158	***		•	•••	***	648
		6	•	***	000	***	***		6	801		•••			• • •		6
, tools and plant.	844	4	•	19	17	***	•••	4	16	***	246	***	1			***	298
n produce .	***	20	81	5	***	400	***	10	16	•••	•••		•••		4	004	110
, old materials .	***	1	100	7	6	2		1	6	***	40	***				***	56
Value of materials from old buildings .	•••	•••	***	***	000	800			1	001		***					1
Tolls on roads	***	***	400	000	•••		***	001			289	***			100	***	289
Unclaimed deposits .	***	***	•••	***	***	***	500			P+4	100	100	***			404	500
Recoveries of advances made in England .	440	***	600	000	***	***	***	***		-	9	***			••	•••	8
Fines, refunds, and miscellaneous	***	184	6	36	27	•••	2	206			211	***				***	816
Total .		288	1,323	1,092	158	2	2,854	5,717	-		5,459	00+	12		4 4	731	15,928
Add-England &	26,224								-								
	17,330	***	•••	***	• • • •	•••	***	***			***	**4	•••				26,224
	1	***	***	100	•••	•••	***	***	.	•	•••	***		***		904	17,830
1	18,554	288	1,328	1,092	158	2	2,854	5,717	-	. 6	,469	004	12		4 4,	781 8	59,477
*													-		-	-	
TOTAL DEPARTMENTAL																	
Officers of other De-								•									
Sale proceeds of grace of Cemeteries, and Fees on masonry graves.	•••	200	***	***	800	86	2	38	***		22			***			60
TOTAL .	-	-	•••	800	•••	86	2	38	•••		22				-	_	80
Total Imperial car-	3,554	288 1.	828 1,									-	-	400			•
RIED OVER.		500 1,	020 1,	092	158	38 2,	856 5	,755	***	5,4	81	. 1	2	4	4,78	1 59	,537

DETAILED ACCOUNT OF REVENUE

				1		1:	HDIA.			
	Es	gland.	Director General of Military Works.	Rajputana.		atral	Coorg.	Byderabad.	Baluchis-	TOTAL INDIA.
Total Imperial brought over		Rx. 9,554	Rx. 288	Rx. 1,323	_	3x. .,092	Rx. 158	Bx. '	Rx 2,856	Rx. 5,755
PROVINCIAL.										-45
										79
Department.			- 7		1					
ents of buildings		•••	491	000		***	000	000	***	***
tools and plant		***	***	***		***		00%	900	,lies
produce		000	***		i	***		***	***	***
old materials .			***	0.00		***	494	0.07	***	000
ante from Strand bank Maidan, etc	•	10.00	***	089			***	000	***	***
eceipts from self-supporting Workshops	•	+04	440	***		***		***		944
Boorkee College		9.0		000		***	***	***	000	200
arry receipts		***	***	000		***	000	000	***	966
nclaimed deposits ollections under Highway Act		9.00	***	400		***		***	***	
ines, refunds, and miscellaneous .		000	000	100		***	***	004	***	***
Total		000	***				444	***	•••	000
OFFICERS OF OTHER DEPARTMENTS.										000
ents of buildings	•	000		400		***	***		000	***
ales of buildings		500	***	***		***		***	000	800
ale of tools and plant and old materials			200	***		600	881	000	***	600
olls on roads	9	000	***					***	494	***
erry receipts		444	***	***		***	00.	***		500
ontributions . ines, refunds, and miscellaneous .	•		100	900		***	000	***	•••	000
TOTAL		0.00	100	***		***	***	***	***	***
TOTAL PROVINCIAL		200	900	***			***	•••	•••	•••
INCORPORATED LOCAL.	-				- -					
DEPARTMENTAL.						- 1	4 64		***	***
Rents of buildings			200	806			***	001	400	000
Sales of buildings		4.04	004	***		000	444	100	900	804
produce .		***	000	***		•••	***	000	***	900
old materials		909	***	***		***		000	800	000
Value of materials received from old buildings Unclaimed deposits		404	994	000		100	•••	***	***	000
Fines, refunds, and miscellaneous		***	• • • •	000		60 *		1	941	
Arboricalture		***	000	***		***	***			_
Total		***				804		1	•••	17
OFFICERS OF OTHER DEPARTMENTS.							800			960
Rents of buildings		900	***	***		000	000			
old materials		***	***	401			***		***	000
Tolle on roade		904		000	- 1	800	000	40		200
Canal and ferry receipts		000		**	- 1	000	2,5			400
Arboriculture			***			888	***			910
Tolls on steamers Contributions Fines, refunds, and miscellaneous		800	***			900	•••			
Total		-			18		2,	508		2,6
TOTAL LOCAL					18		2.	504		. 2,6
						1,095	_	662	89 2,	856 8,2
GRAND TOTAL		43.5			341					

DURING 1896-97-concluded.

Cent ral	Buam	A.			North-Western				
Cent ral Provinces.	Upper,	Lower.	Aconto,	Bengal,	Provinces and Oudb.	Punjab.	Madras,	Bombay.	Total.
Rx.	Bra	Rz.	Br.	Rx.	Rx.	Bx. 4,731	Rx.	Rx.	Rx. 59.587
***	5,481	***	***	12		497 01	***	***	50,007
: 1									
4									
1,924	***	6,444	1,740	7,070	8,818 309	1,382 662	6,578 1,165	9,641 224	88,587 5,631
205	000	2,792	106	179	89	392	5,186	247	6,846
104		-63 30	15 79	317 814	1,867	2,596 115	186 415	1,576	6,098 2,23 8
	***	141	783	65 4,595	1	168	103	5	1,263
***	000	000	000	***	4,279	***	812	0.00	4,591
***	000	984	000	000	***	***	***	59,688	59,688
1,868	451	2	2,081	16	2,301	8	176	8	6,250 259
15	000		***		***		5,188	1,754	1,75
207		158	263	14,340	467	918	***	111	26,03
•••									
4,894	***	9,649	5,100	27,137	12,874	6,226	19,254	78,698	163,33
						2,713	•••	g00	2,71
***	444	***	***	400		5,680	100	***	5,68
	004		200	000	2,918	142	501	*** 1	2,3 1
81	000	***	3,466	24,897	46,554	8,530 20,226	000	***	8,6 94,6
67	000	99	***	210	481	259	312 11	198	1,5
3	***	" 1	004	***	27	778	***	58	8
151	***	100	8,466	24,607	49,330	3 8, 32 8	328	251	116,58
4,545	•••	9,749	8,566	51,744	62,204	44,554	. 19,577	78,949	279,8
***	***	***	82	***	218	00*	,	001	80
111	000	000	1	000	39	000		•••	•••
11	***	***	21	***	65 21	204	759	***	8
***	***	***	2	***	8 8	000	000	***	
001	***	•••	6	***	427	12	18	***	4
104	*** '	•••	•••	***	657	***	•••	000	6
11	000	•••	118	***	1,486	216	772	000	2,5
-								600	
6	000	860	000	867 176	***	945 25	52	889	1,70
84	107	***	***	51	***	826	570	***	9
***	900	000	600	000	989	***	99,286	85,068 16,300	35,0 210,8
5,874 588	5,967	8,996	10,991	46,178	4,538	14,720	89,200	1,364	16,9
806	***	40	444	7,940	757	•••	4,834	8,530	21,6
924	66	169	***	588	289	34	2,419	298	4,7
7,732	6,023	9,205	10,991	55,298	5,584	26,581	107,161	61,879	292,8
7,743	6,028	9,205	11,104	55,298	7,020	26,797	107,933	61,879	295,5
	11,504	18,954				76,082	127.510	140,828	684,9

DETAILED ACCOUNT OF EXPENDITURE

			INDIA											
		Rugland,	Director- General of Military Works.		Central India,	Coorg.	Mysore.	Petroleum Borings at Sukkur and Kundra,	Khora-	Hyder bad.		Beinch tau.		
	•	Rz.	Bx.	Rx.	Rx.	Rx.	Rx.	Rx.	Rx.	Rx.	Rx.	Rx.		
IMPER	IAL.											1111		
DEPARTMI	ENTAL, .													
Civil Buildings-												39		
New works . Repairs .		000	8,338 5,776	4,1 2 9 2,654	2,818 1,634	2,854 877	***	040	***	1,812	8,355 1,756	8,270 8,640		
Communications-										ē1		•		
New works . Repairs .		000	175	2,4 69 4,2 68	1.237 13,010	4,490 7,859	900	***	***	***	***	8,300 4, 880		
Miscellaneous Pub ments—	lic Improve-													
New works . Repairs .	• • •	000	3,662	***	***	902 238	***	868	550	***	***	1,010		
TOTAL WORKS AN	D REPAIRS		17,951	18,520	18, 199	17,220	•••	868	***	2,786	5,111	26,292		
Establishment Tools and plant		>0.0	8,171	6,271	10,757	4,285	***	90		628	956	6,255		
Tools and plant Suspense	• • •	000	207 8,780	274	718 808	1,063 276	000	***		41 18	8	882		
1	TOTAL .	***	25,109	20,065	29,982	22,794	***	958	•••	8,418	6,059	32,929		
Deduct - Outlay in Exchange	England £	***	4 3	0 * 0	346 228	405 268		***	***	070	863 870	000		
Ner	INDIA .	***	25,102	20,065	29,408	23,121	***	958	•••	3,418	4,626	32,929		
Add-														
England . Exchange .	£	91,371 60,381	000	500 5 0 0	4 0 b	500 000	•••	***	900	800	***	400		
	TOTAL .	151,752	25,102	20,065	29,408	22,121	•••	958	•••	3,418	4,626	32,929		
Civil,								-				~~~~		
Civil Buildings-	2.5													
New works . Repairs .		000	*#4 ***	***	0 0 0 3 0 4	000	503	***	897	***	***	1,848 501		
Communications-														
New works . Repairs .	• • •	***	***	***	***	***	***	•••		***		9-10 640		
Miscellaneous Publi ments-	ic Improve-													
New works . Repairs		000	100	***	•••	•••	***	***	***	***		35 133		
TOTAL WORKS AND	Punicus													
Retablishment		***	100	***	•••	***	503	***	897	***	•••	3,272		
Tools and Plant		***	604	***	***	***	•••	***		***	000	424		
wrinestrutioons .		***	***	**1	•••	***	•••		•••	•••	***	117		
Total (CIVIL .	**1	***	•••		•••	503	***	897	***	•••	4,220		
	BIED OFFE										-	-		

DUBING 1896-97.

		Bunna.				North-				
Pozaz India.	Central Provinces.	Upper.	Lower.	Assam.	Bengal.	Western Provinces and Oudh.	Punjab.	Madras.	Bombay.	Total
Rx.	Rx.	Rx.	Rx.	Rx.	Br.	Rx.	Rx.	Rx.	Rs.	Rx.
	•								444.	I) X.
	•									
,										
	100	-22								
31,082 17,266	420 282	92,061 21,130	***	1,899 755	47,521 11,602	9,698 4,912	46,311 10,285	2,555 1,273	9,445 6,429	240,999 73,98
				1		5,025	20,210	2,070	0,=20	10,000
36,496	•	57,485		34.000						
30,192	***	55,601	***	14,990 8,061	•••	***	6,262 1,581	***	362 116	95,58 95,61
6,442	17	3,480 1,233	***	•••	•••	000	862	***	318	11,119
	•••	1,200	•••	***	***	•••	137	***	380	2,169
101,897	719	281,050		25,705	59,123	14,610	65,438	8,828	17,040	519,410
82,363	161	61.791		5,896	11,664	3,175	9,449	784	3,612	128.898
2,685 4,369	10	3,539 472	***	385	748 —213	207	570 227	. 51	235	8,430 4,858
								***	•••	9,000
141,814	890	296,852	***	81,986	71,322	17,992	75,684	4,663	20,887	661,590
2.040		-								
1,618 1,669	23 16	439 290	000	218	2,379 1,572	18	1,069 706	***	4 3	5,76 3,81
188,627	851	296,123						***		
200,027	001	200,120	•••	31,624	67,871	17,968	78,909	4,668	20,880	652,01
4+0	**.	***	490	0.04		•••	800	***	*** }	91,87
•••	0+1	•••	•••		•••	***	***	001	000	60,38
138,627	851	296,128	•••	31,624	67,371	17,963	73,909	4,668	20,880	808,76
				,	in .					
2,740		***	•••		***			1		2,740
1,004	604	***	***	900	***	000	***	•••	***	1,004
120		***	***	n##	***	000		•••	***	120
	***	***	800	***	•••	***	bes	***	***	640
85 188	8 6 0	***	010	•••	***	***	***	600	***	35
	•••	***	***	900	***	***	***	***	000	133
4,672	•••	000	848			***	•••	•••	***	4,672
424	***	•••	***	***						424
117	***	000	***	000	100	000	***	000	•••	407 117
					•••	•••				
5,620	•••	4+0	•••	***	•••		•••	970	***	5,620
	1							-		809,883

DETAILED ACCOUNT OF EXPENDITURE

							India	he .				-	
	England.	Director General of Military Works,	Rajpu-	Central India,	Coorg.	Mysore,	· Bu	troleum ringe at kkur aud undra,	Khora-	Hyde	d. P	ort B	tan.
	Rxo	Rx. 25,102	Rx.	Rz.	Rr &	1		Br. 958	Rx.	B:		3x.	Rx. 37,149
Total Imperial brought over	151,752	25,102	20,000	20,400			_			-	_		-3
PROVINCIAL.													
CIVIL WORKS.													
Departmental.													•
Civil Buildings -													
New Works	***	•••	***	•••	840	991		0.7.0	***			***	•••
Repairs	•••	***	000	***	***	***		000	000		06	***	***
Communications -													040
New Works	***	999	0.04			100		0.4	***			***	000
200 000000	• • • • • • • • • • • • • • • • • • • •	000	6.0 0	•••	bes	601		***	•••	1	**	***	•••
Miscellaneous Public Improvements													
New Works	• •••		901	•••	***	200			•••	1	000	***	***
Repairs		1980				***	·	- 844	***	_	900	•••	***
TOTAL WORES AND REPAIRS		1901			800	80		1000	-84			**1	844
Establishment		***		***		4 0		***	001		800		000
Tools and Plant		799		000			••	***			000		1000
Suspense		•••		- 000				000	**		-000	000	***
			-	-	-	-							
TOTAL	• •••	***	•40	800	•••		• •	***		-	-994	0.00	*00+
Civil.													
Civil Buildings -													
New Works					00			•••			880	200	000
Repairs		100						•••			***	- 000	-000
Communications—													
New Works								***			000		000
Repairs		400						400			400	000	***
Miscellaneous Public Improvements													
New Works		800					***	000		••	844	•••	
Repairs								**1			***	•••	3)
			_	_		_	-			-			
TOTAL WORKS AND REPAIRS	000	200	•				***	***			***	***	***
Establishment	* 100	***				-	***	200		***	***	***	•••
Tools and Plant	•				.	***	481	***		000	854	***	
Misoelianeous		•••		.		•••	***	000		•••	117	•••	***
Toyal				••	01		***	***		100	•••	000	•••
Total Provincial		,			••	800	900	***		***	***		
Total CARBIED OVER	. 151,	752 25,1	102 20	,665 29	408 2	2.121	503		88	897	3,418	4,62	3 37,1

DURING 1896-97-continued.

MAR INDIA.	Central Provinces.	Upper.	Lower,	Aseam.	Bengal.	North- Western Provinces and Oudh.	Punjab.	Madras,	Bombay.	TOTAL.
						-				
Bx.	Br.	Rx.	Rx.	Rx.	Rx.	Rx.	Bz.	Rx.	Rr.	Rx.
144,247	851	206,128	049	81,624	67,371	17,963	73,909	4,663	20,880	809,388
7										
					1					
•	•									
	20,826	***	106,582	12,466	155,061	58,330	16,872	122,822	90,766	588,725
***	8,670	***	19,556	9.397	31,571	29,037	22,527	32,604	38,924	192,286
4 4 4		•••		-,						
999	23,252	***	13,666	48,477	17,204	9,186	14,124	6,285	11,817	144,011
044	83,058	000	61,161	47,031	58,591	80,268	91,061	11,474	78,627	461,271
***	648	140	1,470	2,521	2,711	10,725	20,965	5,512	1,625	48,177
9.00	48	0.00	1,044	827	5,534	1,281	4,282	1,682	8,069	17,767
	86,502	•••	203,479	120,719	270,672	188,827	169,831	180,379	224,828	1,445,237
-000	89,179	***	44,916	37,998	74,015	73,809	65,704	49,825	84,163	469,604
-000	2,107		1,972	2,568	2,087	461	3,128	12,824	4,837	29,984
***	202	845	8,125	2,335	5,784	-6,720	2,691	—5 96	2,841	14,612
601	127,990	•••	258,492	168,615	352,458	256,377	941,354	342,432	316,669	1,959,387
					·					
***	420	***	100	226	8,205	684	***	10,608	000	14,718
800	000	444	000	•••	2,258	4,598	•••	1,164		8,016
								•		
***	•••	***		-979	1,711	75		8,956	4 ***	6,72
***	***	-9.00	***		7,005	3,863	400	5,022	***	15,390
osf			20,280	4,028	7,007	3,643		55,442		90,350
° ,	800	040		***	4,258	7,485	***	8,494		15,21
000	000	•••	20,280	5,288	25,434	19,828		79,681	•••	150,400
244	36	-	***	600	4,901	4,203	2,826	004	444	11,96
500		1000	***	000	102		•••	0.04		21
	8	•••	***	•••	***	6,099	2,865	***	840	9,80
	38	•••	20,230	6,283	30,437	30,244	5,691	79,681	840	172,39
***	128,028	***	278,722	168,848	882,895	286,621	247,045	322,118	317,609	2.131,78
144,24	128,879	296,12	8 278,722	200,472	450,266	304,584	320,954	326,776	388,389	2,941,10

DETAILED ACCOUNT OF EXPENDITURE

1	Product	Director					Petroleum	997			
	England.	General of Military Works,	Rajpu-	Central India,	Coorg.	Mysore.	Borings at Sukkur aud Kundra.	Khora-	Hydera- bad,	Port Blair,	Baluchin tan.
14.5	Rx.	Rx. 25,102	Rx.	Rx.	Rx.	Rx.	Rx.	Rz.	Rx.	Rx.	Rx. 87,14
Total Provincial brought forward	101,702	20,102	20,000							-,020	1
INCORPORATED LOCAL.											1
CIVIL WORKS.											
Departmental.											0
civil Buildings-											
New Works	***	***	***			500	000	000	***		914
Repairs	•••		35	***	***	***	650		***	***	***
Communications —											
New Works		800	1,045		770	000	0.00	***	•••	000	***
Repairs	900	***	1,187	900	832		6.0.6	***	•••	•••	***
discellaneous Public Improvements—											
New Works	***	***	***	***	6	***	***	***	***	400	
Repairs	600	001	***	999	49	400	b o o	***	***	***	141
TOTAL WORKS AND REPAIRS		***	3,267	***	1,657		000		400		044
Establishment		***	226	001	881		***	849	•••		0.00
		400	34		25		104		***	500	• • •
			400	***			***	800			0 = 0
Балрошо	-								1		
TOTAL	ge+	•••	2,527	***	2,063	5.00	***	***		***	919
Civil.											
Civil Buildings—										1	
New Works	000	***	110	535			000		***	***	
and person	***	***	.74	205				0.00	800		4**
Communications—											
2104	***	***	•••	2	***		***	•••	•••	•••	***
Trobasso a	•••	***	205	120	***	***		•••		•••	900
Hiscellaneous Public Improvements-				0.7							
21011	100	800	***	25	***	***	***	•••	***	***	1).
Repairs	400	871	160	27	17	***	***	0.04	***	•••	1.
TOTAL WORKS AND REPAIRS		0.00	539	914	. 17	,					
Establishment .	•	***	000	14				600			
Tools and Plant		***	400	***	0 * *		000	•••		001	
Miscellaneous		111	***	0.00	004	•••	***	***	***	•••	0.4
						-			-		-
Total	• •••	***	589	928	17		•••	***		•••	
TOTAL INCORPOBATED LOCAL	•	m 0 0	3,066	928	2,080	900			***		
TOTAL CARRIED OVER	151,752	25,102	99 191	20 996	24,201	508	958	897	3,418	4,626	37,

DURING 1896-97-continued.

		Bos	MA.			West				
FOTAL INDIA.	Central Provinces.	Upper.	Lower.	Access,	Bengale	North- Western Provinces and Oudb.	Punjab,	Madras,	-Bombay,	Total.
Rs.	R;.	Bz. 296,128	Rx. 278,722	Rr. 200,472	Rx.	Rx. 804,584	Rx. 320,954	Rx.	Rr. 338,389	Rx. 2,941,164
-										
		,								
•										
***	•••	004	5,830	448	***	7,258	5,545	800	7.171	25,754
35) an	***	521	251	000	5,990	6,912	***	618	14,227
1,815	8,988	690	18,599	29,999	***	39,202	12,993	188	48,785	151,245
2,019	5,073	76	12,274	30,850	040	76,281	29,490	8,058	61,511	220,632
6	191	1,532	6,966	4,867	0.00	481	5,897	. 2	10,988	30,88
49	9 6 0	20	3,191	1,719	***	1,517	6,891	48	784	18,70
3,924	14,247	2,318	46,881	68,184	444	120,579	67,218	8,291	129,357	456,44
607	***	620	10,406	6,048	900	40,000	10,554	691	14,741	83,66
59	***	86	679	318	***	1,100	618	72	2,384	5,26
***	***	***	***	•••	***	***	200	***	259	25
4,590	14,247	2,974	67,986	74,495	990	161,679	78,390	4,064	147,241	545,63
645	115	147	132		38,447	1,629	000	18,162	6,312	55,589
279	54	70	109	0.69	17,985	5,639	***	11,028	7,885	42,99
2	1,228	9,361	6,789	51	98,308	4,461	004	51,954	17,577	184,720
825	9,902	4,345	3,680	***	194,923	\$1,396	***	262,578	53,048	559,147
26	871	9,255	2,623	000	10,455	582	***	8,314	25,487	57,113
194	418	971	500	000	5,258	182	•••	15,120	11,674	34,31
1,470	12,083	24,149	12,783	51	855,376	48,889	049	862, 156	121,983	233,890
14	4,066	1,330	1,172		72,472	0,516	1,079	62,232	18,107	169,98
	110	857	31	•••	2,954	591	***	3,805	1,155	9,000
000	110	220	2,785	***	112	920	11,879	8,002	2,581	26,608
1,484	16,869	26,056	16,771	51	480,914	64,915	12,958	436,195	143,776	1,139,489
6,074	80,616	29,030	74,787	74,546	480,914	216,594	91,348	440,249	291,017	1,685,126
150,321	159,495	325,153	868,469	275,018	881,180	521,178	412,302	767,025	629,406	4,626,289

DETAILED ACCOUNT OF EXPENDITURE

						lu:	DIA.				
	England.	Director General of Military Works.	Rejputena.	Central India.	Coorg.	Mysore,	Petroleum Borings at Sukkur aud Kundra.	Turkish Arabia.	Hydera- bad.	Port Blair.	Beluchis-
otal brought over	Rx. 161,752	Rx. 25,102	Rx. 23,131	Rx. 30,336	Rx. 24,201	Rx.	Rx. 968	Rx. 897	Rx. 8,418	Rx.	Rx. 87,149
EXCLUDED LOCAL.											8
DEPARTMENTAL.® Civil Works.								«			
Sivil Baildings—											
New Works	005	***	000	800	•••	***	***	994	000	***	***
Repairs	#90	p##	***	***	000	900	***	•••	000	***	040
	***	600	0.00	•••	044	***	***	***	•••	999	***
Communications—											
New Works .	0 000	***	***	200	•••	•••	***	***	000	•••	000
Repairs .	•	•••	***	840	900 5	•••	***	***	***	•••	***
	000	***	•••	•••	***	***	404	***	•••	•••	000
Miscellaneous Publ Improvements—	ic										
New Works .		•••	100	***	## ## ## ## ## ## ## ## ## ## ## ## ##	900	•**	901	•••	***	***
Repairs .		***	200	***	***	***	•••	•••	000	***	300
h .	-	***	***	•••	. 040	000		000	•••	***	004
Total Works A	ND	•••	***	•••			•••	0.0	***	•••	0.0%
Establishment		***	***		•••	•••			000	***	***
Tools and Plant	000		•••	694			•••	***	•••	•••	000
Suspense .	•	•••		•••	•••	• •	. 001	•••	400		000
Total Excluded Lo	OCAL	••		•••			••		,	••	
Total carried over	. 151,4	752 25,	102 23,1	31 30,8	36 24,2	01	503	988	897 8,4	118 4,	626 37,1

DURING 1896-97-continued.

	Central	Buni				North- Western	Posts	26.2	Don't	
COLL INDIA.	Provinces,	Upper.	Lower.	Assam.	Bengal,	Provinces and Oudh.	Punjah.	Madras.	Bombay.	Toral.
Rx. 150,821	Rx. 159,495	Rg. 825,158	Rx, 858,459	Rs. 275,018	Rx. 881,180	Rx. 521,178	Rx. 412,302	Rx. 767,025	Rx. 629,406	Rx. 4,626,289
1,										
500	***	•••	***	•••	450	***	3,245	, 1,842	4,098	9,180
g 0 b	Ø 8 Þ	***	•••	0 & 0	***	•••	3,180	499	327	3,956
000	000	600	869	\$0 0	404	000	6,375	2,841	4,420	13,130
								٠		
840	60*	560	900	000	905	•••	124	500	2,066	2,19
948	***	904	000	800	, 000	460	989	000	1,015	1,97
801	***	•••	000	500	0 00	***	1,088	•••	8,081	4,10
000	804	667	880	***	640	000	23,591	6,807	48,420	78,31
8 🕈 4	000	0.00	200	000	000	** 0	36,246	517	1,601	88,46
000	4+9	***	600	000	000	000	59,937	6,824	50,021	116,78
)			800	400	800		67,395	9,166	57,522	184,08
***		980		000	***	***	8,605	1,964	8,321	8,88
400	504	100	404	000	960	440	293	126	197	61
950	000	0.05	***	000	***		90 û	•••	8,534	8,53
080	0.00	***	•••	141	500	800	71,292	11,255	64,574	147,13
150,321	159,498	325,153	853,459	276,018	881,180	691,178	488,594	778,260	693,980	4,773,4

DETAILED ACCOUNT OF EXPENDITURE

						India.	Petroleum			
1	England.	Director General of Military Works.	Rajputans.	Central India.	Coorg.	Mysore.	Borings at Sukkur and Kundra.	Turkish Arabia,	Hyderabad.	Port Blai
Total brought over	Rx.	Rx. 25,102	Rx. 28,131	Rs.	Rx. 94,901	Rr. 503	Rx.	Rx. 897.	Rx. 3,418	Rz.
										-
CONTRIBUTIONS.										4
Departmental.										
Civil Buildings—		9.009	178	675	25	900	***		***	D
New Works	5.00	2,008		905		000				600
Repairs	•••	19	***							
	000	2,022	178	1,580	25	***		***		900
Communications—										
New Works	0.00	8	451	1,944	116	# 6 6	000	000	000	900
Repairs	000	8,389	601	906	***	***	900	•••	•••	000
	•••	8,847	1,052	2,850	116	***	•••	***		***
Miscellaneous Public Improve-										-
New Works		73	1,572		51	000		999		900
Repairs	000		255		600		000	***	000	001
		78	1,827	4 8 8	51	804	•••	***		***
TOTAL WORKS AND REPAIRS .	•••	5,442	8,057	4,480	192	800	900		004	***
Establishment	884	71	274	765	34	001	010	800	404	000
Tools and plant	986	5	80	66	2	800	***	***	901	000
Suspense	600	***	***	***	***	***	•••	000	001	000
TOTAL CONTRIBUTIONS .	000	5,518	3,861	5,261	228	p+ P	•••	***	***	
LOCAL LOAMS.										
Miscellaneous Public Improve-										
ments-					}					
Works	800	***	•••	***	***	***	***	***	044	***
Total .	hee		***	•••	***		***	801	•••	.79
0		_	-							
Establishment	***	***	000	***	***	•••	***	***	***	000
Tools and Plant	***	***		***	***	***	***		-	-
TOTAL LOCAL LOADS .		***	200	•••	***	•••	***	•••	•••	000
GRAND TOTAL	151,752	30,620	26,492	35,597	24,429	508	958	897	8,418	4,65

[·] Outlay from this source by officers of other departments is not known.

CALCUTTA;
Dated 16th April 1898.

DURING	1896-97-	-concluded.
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			Bos	MA.	1		North-				
Saluchie-	TOTAL INDIA.	Central Provinces.	Uppec.	Lower.	Assem.	Bengal.	North- Western Provinces and Oudb.	Punjab.	Madras,	Hembay.	Total.
Rx. 87,149	Rx. 150,891	Rz.	Rx. 825,158	Rx. 353,459	Rx. 275,018	Rx. 881,180	Rx. 521,176	Rx. 483,594	Rz.	Rx. 693,980	Rr. 4,778,410
79											
000	2,881	8,889	940	488	138	486	8,958	899	625	15,136	28,82
***	934	25	000	15	•••	1,083	483	000	***	485	2,96
003	3,805	8,356	940	448	188	1,569	4,386	899	625	15,621	31,78
	2,519	623		24	40	80	1,592	769	120	11	5,72
001	4,846	42	100	348	2,410	283	1,785	112	•••	8	9,98
000	7,865	665	100	379	2,450	818	3,877	188	120	19	15,66
***	1,696	4,466		1,306	689	275	770	2,804	109	81	12,14
	255	***	850	290	984	000	140	475	***	18	2,4
***	1,951	4,465	850	1,596	1,628	275	910	8,279	109	44	14,60
***	18,121	8,488	1,390	2,416	4,211	2,157	8,673	5,059	854	15,684	62,00
***	1,144	298	4	443	557	98	67	165	187	80	2,98
044	108	44	400	29	86	9	***	14	9	5	20
	•••	•••	000	***	***	***	***	***	000	-20	-,
800	14,868	8,825	1,394	2,888	4,804	(a) 2,264	8,740	5,238	1,000	15,749	. 65,27
Ç.		21,426	***	•••	000		000	9,122	***	***	30,54
-(000	21,426	000	004	100		400	9,122		***	30,54
								792			-33
000	***	-1,130 -169	***	000	***	•••	***		•••	004	-10
***	•••										80,04
100	040	20,127		***	000	• • • •	***	0,914	291	****	<i>5</i> 0,09
37,149	164,689	188,447	326,547	356,847	279,822	883,444	529,918	498,748	779,280	709,729	4,868,72

(e) Includes the following contributional outlay on excluded Local Fund (Darjeeling Improvement Fund) Works:

New Works
tepairs
istablishment
fools and Plant

A. R. BECHER,
Accountant General, P. W. Dept.

Abstract by Funds and Provinces of the Expenditure on Famine Relief Works in India during 1896-97 compared with the Revised Estimate for the year.

	REVENUE. 1896-97.						EXPAN	DITUEN.	
		1898-97.			For details		1006-07.		
Aegounts, 1896-96,	Budget Retimate.	Revised Estimate.	Accounts.	- Fauda and Provinces.	see pars.	Accounts,	Revised Estimate.	Budget Estimate.	Accounts 1606-06
Rg.	Rx.	Rx.	Rz.	Imperial.		Rx.	Rx.	Br.	Rz.
				Central Provinces .		167,950	85,000	4 000	19 000
				Burma		58,628	55,0 00	901	
			·	North-Western Prov- inces and Oudh		779,960	880,000	8++	***
				Punjab		24,300	000	010	•••
				Bombay		800,168	189,900	400	pdq
						1,825,991	1,169,900	100	
				Add-England		818	000	601	•••
				Exchange		3 10	***	***	
				TOTAL IMPERIAL .		1,326,519	1,169,900	000	000
				PROVINCIAL.		81,978	100,000	***	400
				Punjab		80,506	20,600	***	***
				Madras		38,131	20,000	0.0	•••
				Total Provincial .		95,615	140,600	***	••6
									(ب
				INCORPORATED LOCAL.					
				Punjab		27.249	32,30 0	694	100
٠				GRAND TOTAL .		1,449,383	1,332,800	***	

Detailed Account of Expenditure on Famine Relief Works during 1896-97.

	Central Prov.	Burms,	Bengal.	MW. P.	Punjab.	Madras.	Bombay,	TOTAL.
•	Rx.	Rx.	Bx.	Rx.	Rx.	. Rx.	Rz.	Rr.
IMPERIAL.				177				
tut supar.								
Civil Works.								
A								
Companications—	300.040							
Repairs	120,842 20,727	918	***	529,507 5,824	***	***	209,427	854.69
	00,121	***	000	0,024	***	800	61,489	87,49
discellaneous Public Improve-								
ments— Works	440	***	***	180,294	***	101		180,78
Establishment	5,591	404	***	7,219	***	***	4,956	17.76
Tools and Plant	20,350	000	***	53,454 2,825	404	411	24,412	98.21 3,23
					***	***	400	0,20
rrigation Works-		558		1,126	22,631		2 501	07 070
Works	***		000	1,120	AE,UOI	961	3,561	27,876
Establishment		***	***	***	80	694	230	530
Tools and Plant	000	801	***	811	1,369	***	1,274	2,85
		***	***	***	***	890	***	0.04
onetruction of Railways- Meiktila-Myingyan Railway		52,152						52,15
Tanti Valley Railway	800	02,102	100	000	000	***	810	810
Barsi-Pandharpur Raniway	800	***	800	000	000	101	146	146
Total Imperial	167,950	63,628		779,960	24,300		300,681	1,326,519
								-,,
PROVINCIAL.								
CIVIL WORES.								
ommunications—			12.162		5,928	486		18,52
Repairs		000		***	4,476	24,306	***	28,78
Incellaneous Public Improve-		1						
ments—								
Works	***	000	8,973	900	516	***	0.04	9,489
Establishment	***	0.04	2,784 3,274	***	67 1,560	2,288 4,598	0.0.0	5,08
Suspense	***	894	1,636	***	***	5,080	999	9,435
	4							
works			2,578		13,975	1,028	100	17,576
Repairs			187	***		525	100	712
Establishment	***	***	151 198	0.00	1,578 2,318	***	101	1,724 2,511
Suspense	***	***	40	000	98	000	0+4	138
TOTAL PROVINCIAL			31,978		80,506	33,131		95,616
F 44		***	93,010	***	00,000	00,101	004	90,010
, S								
(-	7							
INCORPORATED LOCAL.								
CIVIL WORKS.								
Communications—				_		-		
Works	100		***		4,308			4,808
Repairs			111		8,715	***	***	8,718
discellaneous Public Improve-								
menta								
Works	***		***	***	4,190	***	***	4,190
Repairs	888	***	400		8,947 424	900	884	8,947 4 24
Tools and Plant	***	***	•••	***	665	***	100	665
TOTAL INCORPORATED LOCAL		***	***	0+0	27,249			27,249
1					0.0,000			
GRAND TOTAL .	10000			-		22.22		
THE A PURITY BUILDING	167,950	53,628	81,978	779,960	82,055	33,181	300,681	1,440,383

Accompaniment to Accountant General, P. W. Dept., No. 304 G., dated 16th April 1898.

APPENDIX.

Detailed account of expenditure of the Public Works Department from Excluded Local Funds during 1896-97:—

	IVIL]	Burr	T 107/L0				Bongal,	Punjab.	Madrae.	Bombay.	TOTAL.
,	SATE 1	DOILL	I M Gra.								
	New	Wor	ke.				Rx.	Bx.	Rx.	Rx.	Bx.
Political Agency			•	•	0	-	***	***		285	298
and Revenue				•			990	7.491	000	1,009	3,390
Iducational	•	•	•				001	1,481	900	1,000	
olice								370	***	128	498
ledical	4			0	0		000	1,894	444	1,808	8,202
liscellaneous .	•	0		*		•	000	1 0 0	1,386	1	1,387
Tiecettmileons +	•	•		•	٠	*	***	800	2,000		
	Deda	sot—C	ontri	ntion			0.00	8,245	1,848	4,093	9,180
	2,000	,,,,					Dat				
				To	LAL	•	***	8,245	1,842	4,093	9,180
	Re	pairs									
ustoms .				•				900		9	1
and Revenue				0		•		120	***	***	120
xcine	•	•	•		•	•	100	13 808	197	***	1,008
ducational .			•				***	29		600	2
ight-houses .					•		• • •	0.00	-1		-
coloninationl .		•	•		•			549	144	18	56
olice	0	0	•			4	604	1,519	411	259	1,77
liscellaneous				•			900	91	808	41	43
									400	008	0.00
Ded	uot	Contri	batio	Då.			***	3,130	499	327	8,956
				To	TAL		500	8,130	499	827	8,950
C	OMMU	MICAT	TOWA.								
•		orks.									
detailed Roads- Bridged and	draine	ed thr	ongh	out					000	1,739	1,73
Partially brid Inmetalled Roads	lged a	nd dri	ained	٠	•	•	100	3	***	252	28
bridged and	draine	d thro	ngho				966	***	801	P. 4	7.
Partially brid	lged a	nd dra	ned	•	•	*	***	***	8.00	74	7.
Soads— Banked and s	urface	d with	* mo	ram"	or oin	ilar					
material.	nt not	drain	ned				000	500	891	840	***
Banked but	not e	urfac	ed, pe	rtially	brid	ged					
and draine Cleared, part	ally h	ridge	and	draine	d.		000	000	000	900	
Cleared only							.00	***	800	***	***
Boat-bridges and	ferries	no.11		•			18	108	+ +2	" 1	12
Accommodation for Arborioulture	or trac	vellere					18	16	000	900	1
Miscellaneous.							000	000	***		***
							18	194		2,066	2,20
De	duct-	-Cont	ibutio	n.s			18	***	•=•		1
				To	TAL		***	124		2,066	2,19
								1			

APPHNDIK.

			Bengal,	Punjab.	Madras.	Bombay.	TOTAL.
			Rx.	Rx.	Rz.	Rx.	Rr.
Brought	Over		•••	6,499	2,841	6,486	15,326
Repairs.							
fetalled Roads— Bridged and drained throughout . Partially bridged and drained .	•		400 400		***	701 176	701 186
Inmetalled Roads— Bridged and drained throughout . Partially bridged and drained .			840	72	***	103 86	108 108
Banked or surfaced with "muram," material, but not drained		0	886	***	945	400	***
Banked but not surfaced, partial		· Boa	0 + 4	884		***	•••
Cleared, partially bridged and drain Cleared only	ed .		***	000	. 0	***	***
Soat-bridges and ferries			288	297	***	***	580
rboriculture	•		***	579	944	***	579
			283	959	***	1,015	2,267
Deduct - Contributions	1	•	283	•••	***	***	283
Т	OTAL		***	959	500	1,015	1,974
MISCELLANGOUS PUBLIC IMPROVE	MBH76		0				
New Works.							
Improvements to towns	•		***	4,284	200	1	4,234
farkets			***	5.H04	***	411	5,854
Vater-supply	•		***	5,796	60	45,844	51,141
ewerage and drainage		0	000	3,945	4,610	1,630	4,610
ight-houses .			111	000	***	21	21
enservancy	•		400	678	52	000	678 166
discellaneous			4.0+	1,417	1,584	1,424	4,425
ī	OTAL			93,591	6,307	48,420	78,318
Repaire.							
mprovements to towns			***	2,689	***	•••	2,689
darkete			400	408	***	***	406
Paving and streets	٠	4	***	24,010	1	248	24,010 4,748
ewage and drainage			900	8,577	***	25	3,602
darbours		100	* * *	000	18	3,169	1,187
Conservancy			***	663	901	164	668
lighting		374	***	12	107	000	119
dincellaneous	•	•	•••	490	391	•••	881
	OTAL	۰۱	***	86,846	517	1,601	88,464
Total Works and Repairs		•	•••	67,395	9,165	57,522	184.082
Establishment		•	***	3,605	1,964	3,321	8,890
Tools and Plant		0	041	292	126	197 8,584	8,584
Desiposes I I I I				4			

APPENDIX.

Detailed account of expenditure from Contributions and Local Loans on works carried out through the agency of the Public Works Department during 1896-97:—

	400	the Bt.	a dia		Pror-		Burka.			s and				
		Department.	Central India.	Coorg.	Central haces.	Upper.	Lower.	Алмаш.	Bengral.	North.Western Provinces and Oudh.	Punjab.	Madrae.	Bornbay.	TOTAL.
CIVIL BUILDINGS.		ls. R	t. R:	Rx.	Rz.	Rx	Rx.	Bx.	Rx.	Bz.	Rx.	Rx.	Rx.	Rx.
Non Works.														
and Berenne A		10 400		***	***		901		***	116	***			11
ght-houses			***				904	***	***	100		414	***	
roloo · · · · ·			***	804	***	***	***	***			***		87	1 "
pigm			14		4.0	190	800	200			***			1
iceregal restlences			000		900	***		801	1	00.	149	***	000	
seidences for Local Governments of	and			1						***	***	700	***	001
Secretarist Offices	0 0	* ***	44		179	***	600	***	***	4+0	100	***	***	2:
slitical Agencies		*	*114	***	000	***	***	85	***	0,0	***			
linor Departments			100	>20	***	***	***	0	140	206	113	480	4-4	41
duentional	• •		90	***	162		904	40	16	382	708	0.01	6,366	7.76
aw and Justice	* **		***	201	***	***	004	***	pe1	119	20	400	**	20
celetiantical	•	48	20	35	37	***	427	***	187	203	*40	***	940	1,66
ils	•			***	004	***	***	***	411	***	7	000	140	
olice			9	***	***	***	440	8	an.	1	47	***	100	
edical		1	21 18	1	9,936	940		***	278	2,800	4		7,763	16,78
iscellansous	1,	9\$5	471	0.00	29	404	***		58	. 46	604	623		3,18
TOTAL	. 2	008 1	70 075	36	3,333	940	488	138	486	3,953	600	625	15,136	24,82
			-	-			100			0,000	000	490	10,130	an _i oa
Ropairs.														
rht-houses	0 401	***	*11	007	***	101	100		oat	0.00	4+1	100	***	***
ciae	•	***	***	***	***		100	***	+++	444	***		26	
nd Bevenue ,		**1	***	***		**1		200	***	2	***	***	80-1	
ograph	•	***	6.04	***	344	440	100	***	441	414	***	044	444	94.4
ium , , , , , ,		***	, 86	***	419		***	****	0.00		104	***	•••	1 8
oregal residences		***	p q a	104	***	***	800	***	980	101	800	**1		93
ridences for Local Governmente .	• 100	•••	34	041	25			401	404	41.5	,040	401	***	8
oor Departments	1 443	000	+ 0 %	***	4++	***	***	600		901	***	***	232	23
centional	*	240		***	105	***		000	8	864	***	***	157	10
and Justice	* ***	***	100		904	806		000	***	***	*	***	8	
la	0 111		***		***	000	***	***	***		***	041	610	***
lise	•		***		201		***	***	884	***	***	600	400	
clesiastical	•	7	1 10	***	994	101	11	444	80		800	***	38	244
diend	* ***	,.,		***	600		6	***	86	31	***	***	26	94
cellaneous	•	12	635	***	400	***		443	19	396		***		1,963
TOTAL		19	905	***	25		15		1,068	433			400	0.00
			-	_			10	200	1,000		her .	***	485	3,964
COMMUNICATIONS.														
World.														
talled Reads-			0											
Bridged and drained throughout .		***	113			001	34	40	13	1,276	489	***	8	1,930
Partially bridged and drained	0		6 1,788			2.60	500	***	***	100		000	6	1,907
metalied Boads-							-			-				
bridged and drained throughout .		***		***	***	0+1		***	404	234	290	190	***	644
Partially bridged and drained a		64	6	240	100	***	***	***	494	94				483
ade														
Senked and surfaced with " muram," of suntlar material, but not drained														
Banked but not surfaced, partial	у	404		***	474	000	410		***	8	000	***	660	-3
dispersion and drained		***	***	203	600	24.0	***	000	100	•••	200	00.0	***	800
licared, partially bridged and drained			***		000		4.	000	•••		***	000	44.	490
leared only		900	***		901	***	614	**4	104	***	10		***	30
at bridges and ferries	4	410	43	640	***		***	***	***	***	444	400	***	48
commodation for travellers		Ð	-	***	000		00.	0.01	16	•••	000	***	000	26
poriculture		100	***	116	401		***	401		pt= 0		***		110
	0 000	940	***		34		***	000	***	000	000	***	104	34
Totas			-	110									-	
10715		8 44	1 1,944	116	638	110	26	40	30	1,503	769	120	21	5,730
100	-					-								

APPENDIX.

•						=======================================			-	a 10		22 1128000 22		
	2		e l		Prov.	Bun	3E/ .			North-Western Privinces and Oudh.				
	Bilitary Works Department.	1	Central Ludia.			. 1		4	ei l	b.Web.	de.	8	bay.	il.
	tan Part	Rajputane.	E	Coors.	Central inces.	Cpper.	Lower	A meetin.	Bengal	Prin	Parijab	Madrie	Bombay.	Toral.
	24	Se Se Se Se Se Se Se Se Se Se Se Se Se S	3	3	23	5 -	2		554					-
					-	Rz.	Bx.	Rr.	Rz.	Bz.	Ru.	RE.	Rx.	Rz.
	Rx.			Rx.	200.	940	479	178	1,590	8,976	1,666	745	15,632	37,817
Brought over .	2,080	629 3	,524	141	8,981	-								_
Repairs.														-
Metalled Roads -										756	83	900	30	5,652
Bridged and drained throughout	8,263	563	661	***	66	***	848	***	207		040	***	***	700
Partially bridged and drained	140	501	***	100	019	***	***	***	400	***				
tiumetailed Roads—														
Bridged and drained throughout	76	***	0.50	011	***	***	***	, see		000	20	000	***	98
Partially bridged and drained			***	***	244			3,410	***	000	***	ged	844	2,410
′													1	-
Roads -	,													30
Banked or surfaced with "muram," or similar material, but not drained .	***	80	104	***	000		900	400	***	800	***	***	10.54	
Hanked but not surfaced, partially						100	•••	***	***	400	***	*41	808	100
bridged and drained	640		-	400	404			441	444	040		600	200	***
Cleared, partially bridged and drained .	***	***	***	***	550	441	***	***	***	***	200	***	000	
Cleared only	***	007	252	007	***		***	***	***	984	400	***	***	1,236
Boats, bridges and ferries	000	***	4	200	694	100		***	368	48	80	660		302
A commodation for travellers	100	040	9	500	000	141		***	***	***		***	***	9
Minor and unforceson works and repairs				100	800	***	***	***	•••	***	***	004	0.00	604
Willot will dillorancer warrs may solver	-							- 410	809	3 790.5	118	***	8	9,904
Total .	3,839	601	906	***	43	100	348	3,610	263	1,785		800	020	
Deduct-Contributions .		***	***	***	000	. 10	•••	004	000	***	***			
Total .	8,339	601	906		49	100	846	2,410	283	1,785	219	***	В	9,834
AVALU	0,000						0							
													1	
MISCRLLANEOUS PUBLIC IMPROVE-			i											
MENTS. New Works,		-							'					
Improvements to towns		444	001	***	96	.,.		10	***	190	600	909		\$16
	***	040		***	***		***	***	***		***		***	11
Markets	***	***	***	000			907	000	60.0	000	***		***	001
Paving and streets	***	1,445	-00	81	25,796	200	76	130	167	-119	3,711	***	4	3,648
Sewerage and drainage	***	0.00	420	604		***		540	100	646	3,645	109	40.0	1,235
Harbours	800	000	100	***	400	100	1,230	614	***	***	400		***	73
Light-houses	73	000		***	***	100	000	***	000	2018	***	***	9 2 4	sat
Conservancy	***	600		443	***		001	000	0.04	***	800	***	44.	100
Lighting	***	414	***	***	000	***	***	400	***	***	000	***	27	7,00
Miscellaneous	***	127	811	444	***	e913	3	***	128	54	6,670	***		
							1,808	669	275	770	11,926	100	81	41,000
Total .	73	3,573	***	51	38,A91	***	2,000							
Repairs,						350	000	861 4	549	30	***	***		\$80
Improvements to towns	***	***	407	000	401			111	000	**1	***	000	***	1
Markets	***		***	109	944	100	100	984	003		200		13	13
Paying and streets		290	940	000	000		000	920	***	80	64	410	**1	1,364
11 and 1 and	***			100	234	100	48	9+4	0.00	93	611	444	***	245
Bewerage and drainage		000	***		404		243	0.00	****		***	000	094	
	udt	400	140		101	200		000	100	***	***	***	***	
	g 400	***	***		100	***	***	0+0	004	***	***	***	4.03	and tot
		009		400	405	000		***	600	***	***	460	404	400
Missellaucone		35	0.04		000			16	800	30	411	016.0	311	-
				-						140	475	105	18	2,487
Tozal		246	***		014	880	200	934	***	140				91,10
Total Works and Repairs	5,443	3,067	4,430	198	29,916	1,890	2,416	4,311	3,157	8,678	14,181	854	16,664	0.050
Establishment	71	274	766	36	-887	6	448	867	98	67	967	187	80	1 40
Tools and Plant	8	80	66	3	-196	200	20	36		***	16	9	6	1
Suspense			***	1	***		0-01	808	***		610	400	-90	
Suspense			-	-				-			(5)15,152	1,000	18,746	96,511
TOTAL	6,618	9,361	5,261	228	(a)38,963	1,394	2,888	4,804	3,364	8,740	(4)10,103	2,000	1	
-	1					1.00		Local Local			-	· -		

(a) Includes Rx. 20,127 on account of Local Locate.
(b) 20 0,914 20 00 0

No. 62E.—Classified Abstract of Expenditure from Imperial Funds on Civil Buildings—Works.

Nat Total.	ä	& & & & & &	4, 123	8,318	2,854	1,818	3,355	8,376	420	92,061	1,898	47.621	869'6	46,311	2,555	917'8	340,998
Deduct Outling from Con-	Br.	2,003	178	67.5	25	*	:	:	:		:	:	:	:	:	:	2,882
GRAND TOTAL.	pi pd	10,341	4,307	2,993	2,879	1,812	3,355	8,276	420	92,061	1,899	47,521	869.6	46,311	2,555	9,445	41,360 248,873
Miscollancons.	Br.	2,012	3	704	477	*	:	662	:	30,379		3,931	* 0 0	8,116	:	63	41,360
Medical.	M M		12	264	:	:	•	22		5.729	* * n	:	3	:	:	181	
Polies.	Rx.	:	55 50 50 50 50 50 50 50 50 50 50 50 50 5	:	1	:	:	1,170		34,622	:	:	:	0 0	:	1,141	37,514 6,267
.ellat	RE		937	877	910	:	3,355	47	*	6,647	:	:	4	:	:	;	12,773
Lew and Justice.	Br.	23	147	92	:	:	* * *	1,710	:	9,955	:	0 0	:	:	*	286	10,808 12,192 12,773
Ecclosiastical.	Rr.	8,212	1,647	9	20	176	:	83		227	*	3.5	575	* 0 0	:	:	10,808
.facostlonal.	ai ai	, a	289	:	999	:	0	:	*	1,121		0 p	:	* *	0 0 4	:	1,466
Minor Departments.	Kx.	:	» •	:	:	:	*	:	:		267	193	1,,83	• :	199	*	2,708
ormo vrenoises & ban quests	Br.	* *	:	:	b 0 0	# 0 0	:		:	:	:	:	:	:	:	:	:
Political Agencies.	Br.	e e e	-	627	;	* * * * * * * * * * * * * * * * * * * *	9 0 0	4,362	*	b •	0 0	*	v •	-1,229	*	1,459	6,320
Beerd of Bevenue Bulld-	zi M	:	:	ŧ	:	:	:	:	:	:	:	9 9	i	:	:	:	:
Residences for Local Governation of Contraction of	er H	9	360	262		746	*	:	:	452	•	*	:	:	:	:	2,031
Excess Buildings.	S.	:	:	:	:	:	:	:	:	0 0	:	:	:	e 9 9	*	:	*
Lend Bevone Baildings.	Br	*	240	0 0	1,405	:	:		:	:	:	:	:	1	:	:	1,646
Treasury and Currency Buildings.	Rg.	:	:	:	:	:	:	:	:	:	:	8,920 178	:	i ac	*	33	8 211
edt to and Jairaterness albul to susmansvold	M M	:	•	:	*	•	:	:	1		;		:	8 31,708	b b c	:	14.171 85,628 211
Vicerogal Reuldences.	33 22	:	:	:	:	•	:		:	:	:	3,869	37	10,275	•	•	7
Tolograph.	ari ari	•	- 36	:	:	163	*	188	33	1,933	1.245	089	196	287	100	109	31,124 5,239
Post Offices.	Bx.	78	80	49	38	536	:	42	388	986	387	22,657	1,094	2.204	1,855	723	31,12
Mint.	zi 2	0 0	:	:	ŧ	:	:	:	•	:	:	98	:	:	•	:	8
·muldO	**		:	141	:	:	:	:	:	:	:	10,577	5,932	:	:	•	16,660, 96
Salt.	R.	*	;	:	:	:	:	:	4 9 1	:	:	1,414	:	*	139	4,907	6,460
Cuetoma.	Br.	:	:	:	:	:	*	:	:	:	:	:	:	:	:	187	187
Fortoff.	₩ ₩	:	22	:	:	:	:	:	:	:	1	:	150	:	:	:	. 158
PROTINCES		Director-General, Mili-	Rajputana	Central India	Coorg	Hyderabad	Port Blair	Baluchistan .	Central Provinces	Upper Burma .	Узявш	Bengal .	NW. P. and Oudh	Punjab	Madrae	Bombay	TOTAL

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Net Total.	ii Cd	5,776	2,664	1,634	877	924	1,756	3,645	2882	21,130	755	11,602	4,918	10,285	1,273	6,429	73,934
Deland Outloy from Contri- busions.	Rr.	61	ż	906	9 9		0 +		:	* *	* *	938	•	:	:	: "	1,852
Gerny Toriz.	. 2	5,795	2,654	2,539	877	954	1,756	8,645	282	21,130	755	12,540	4.912	10,28€	1,278	6,429	75,796
Mucellaneous,	Bx.	129	55	1,102	110	50	:	2967	# 0 0	1,279	:	808	*	1,341	:	114	808.
Medical.	Bz.	:	64	46	74	9 9		214	:	999	*	:	:		9 0	33	898
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,ellet,	Rz.	•	140	216	4	:	1,756	26	ъ 0 м	1,004	:	:			:	140	3,394
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Ecclosiantionl.	RE	5,473	169	99	18	29	I	97	:	999	*	*	14	0 0	*	1	6,379
Edecational.	Rr.	:	346	*	176	*	:	:	*	10	U O O	9 9	*		:	=	63
Minor Departments.	Rr.	:	:	:	:	0 0	:	184	:	:	*	3	898		-	*	455
Stamps and Stationery Office.	M K	:	:	:	:	:	*	:	:	:	*	i	:	:	:	:	:
Political Agendies.	Rz.	\$	111	397	:	:	: 0 0	1,170	9	739	*	3	:	467	:	262	3,239
Board of Sevenue Build- ings.	E i	* *	:	1	:	:	:	:	:	:	:		:	:	:	:	:
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Tressury and Currency Buildings.	Bx.	÷	0 0		:	:	:	:	:	0 0	*	1,334	O			%	1,429
Secretarist Offices of the Government of India.	B.	0 0		:		:	* *	:	*	:		209	:	1,055	ě	*	999
Viceregal Baeldences.	ä		9 0	•	:	:	:	:	*	g 0 ts	:	6,227	116	6.231	:	:	11,574
Tolograph.	R.	21	225	93	0 0	41	:	86	73	365	378	1,037	491	870	419	656	4.291
Pout Offices,	Æ	107	104	178	12	128	;	123	200	200	385	1,513	1,416	1,621	851	1,209	8,417
"Jajal	Br.	:	:	* U	*	:	•	0 0	:	*	:	315	:	:	•	83	919
Oplum,	E E		:	36	•	:			:	•	*	1,482	2,375	*	*	30	3,903
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** B D B B A A O B B B B B B B B B B B B B B B		Director-General, N	Rajputana .	Central India .	Coorg	Hydersbad .	Port Blair	Baluchistan .	Central Provinces	Upper Burms .	Авит	Bengal	NW. P. and Oudh	Panjab .	Madras	Bombay .	TOTAL

No. 62G.—Classified Destract of Expenditure from Imperial Funds on Roads and other Works of Communication.

	Moralis	Meralled Roads.	UNIVERSITY BOADS.	ED ROADS.		Boa De.	De.							
Percent ces.	Bridged and dramed throegbout.	Partially bridged and drained.	Bridged and drained throughout.	Partially bridged and desired.	Banked and sarfaced with " Muram" or similar material, but not drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Boat-bridges and ferries.	Ascomwods- tlon for travellere.	• Arborked- sare.	Garare Toras	Deduct Outling from Contributions.	Mrr Toral.
Director-General, Military Works Rajputana Contral India Coorg Baluchistan Upper Burma Assam Punjab Bombay	Bar. 635 2,476 13,494	8.2390 2.493 5,874 7	Bar. 60 1,887 28,306	RI. 456 798 878 8500 14.990 4245	Ž ::::::::	B	Kz 1	Rr 710	å: −3:::::	Br. 1128 1108 1108 1108 1108 1108 1108 1108	ž i : : : : : : : : :	Rx. 8,920 3,181 4,606 8,300 14,285 14,285 14,289 16,289 8,289	8x. 451 1,944 116	Bx. 2,469 1,237 4,490 6,262 6,262 362 362
Total	16,605	10,711	29,703	27,862	•	6,887	2,914	2,319	4	1,169		101'86	2,519	95,585

No. 62H.—Classified Abstract of Expenditure from Imperial Funds on Repairs to Boads and other Works of Communication.

	Meratur	METALLED BOADS.	USBETALL	USERTALIED ROADS.		BOADS.	9							
Paces.	Bridgerf and drained throughout.	Partially bridged and drained,	Bridged and drained throughout.	Partially bridged and drained.	Banked and surfaced with "Muram" or similar material, but not drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Boat-bridges and ferrice.	Accommoda- tion for travellers.	Arbonical.	COLLE.	Deduce Outlay from Contributions	Nay Toras.
Director-General, Military Works Raybutana Central India Goog Balcohistan Upper Burna Assam Punjab Bombay	Bx. 8,438 1,916 10.053 6,431	8x. 1,816 3,858 1,946	82. 396 396 37,386	Br 1,428 652 8,163 10,471	2: :::::::	Bx 4,880	11.431 11.038	. 8x. 238 1,877 40 116	M : 82 : : : : : : : : : : : : : : : : :	E 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	208 208 788	Rx. 8,614 8,869 1,859 7,859 8,890 55,661 10,471 1,581	Rar. 3,339 601 906 906	Bx. 176 13,010 7,859 7,859 6,061 1,681
TOTAL	84,206	2,119	27,856	20,714	88	6,871	2,471	8,366	280	1,264	187	102,867	7,256	96,611

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Pacteres			improve- ments to towns.	Marketa	Paving and and streets.	Water-supply.	Sewage and drainage.	Harboun,	Light-houses,	Petroleum operations,	Mitthee.	Miscellancone, Grand Total.		Deduct Outlay from Contributions.	Ner Total.
i,			Bz.	ii M	Bx.	Bz.	Bx.	Br.	Br.	BX.	Bx.	Br.	Re	Re	2
Director-General, Military Works			0 0	9 0	* * * * * * * * * * * * * * * * * * * *	3,662	0 0	9 9 9	22	*	*		8,735	73	3.662
Rajputana	٠	٠	a 9 0	9 4 6	•	1,446	*		* * * * * * * * * * * * * * * * * * * *	0 0	0	181	1,572	1.572	;
Coorg	•	•	0 0	:	:	8888	*		*	:	:	8	953	27	308
Baluchistan					•	1,010	*	9 0 0	*	*	* *	*	1,010		1,010
Petroleum Borings at Spkkur and Kundra	•	٠	***	0 0	0 0 0	0 0 0		i	:	898	*	***	898		90
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Bombay		٠	•	e e e	5 0 0	* * *	P 0	9	* * *	9° di	* 0 0	386	318	:	80.00
	TOTAL		909		678	8,132	*	87-	73	898	17	2,689	12,816	1,696	11,119

No. 621.—Classified Abstract of Expenditure from Imperial Funds on Repairs to Works of Miscellaneous Public Improrements

Sevage and drainage. Histophenes. Mines. Miscellaneous. RX. RX. RX. RX. RX. RX.	Rx. Bx. Bx.	Rx Rx. Rx. Rx. Rx. Rx.	Rx Rx Rx Rx Rx Rx Rx Rx	Paring Water-tapply, Sewage Harboure, Light-houses, Mines. Rx.	Markete, and streets, and streets, and streets. Rx. Rx. </th <th> Markete, and streets, drainage, Harbours, Light-houses, Minea. Rx. Rx. Rx. Rx. Rx. Rx. Rx</th> <th> Markette, and sard sard sard sard sard sard sard sar</th> <th> Instrumental Marketo, Paring Water-tapply, Gewage Harboure, Light-houses, Minea. Min</th> <th> Instruction Paring Sevage Harbours Light-houses Mines.</th>	Markete, and streets, drainage, Harbours, Light-houses, Minea. Rx. Rx. Rx. Rx. Rx. Rx. Rx	Markette, and sard sard sard sard sard sard sard sar	Instrumental Marketo, Paring Water-tapply, Gewage Harboure, Light-houses, Minea. Min	Instruction Paring Sevage Harbours Light-houses Mines.
Rx. Rx.	Evage and Harbours, Light-houses, drainage. Rx. Rx. Rx.	Rr. Rr. Rr. Rr. Rr. Rr. 181.	Paring Serage Serage and strough, Light-houses, etrects. Rr. Rr. Rr. Rr. 2820 288	Markete, and streetsupply, and drainage. Harbours, Light-houses, and drainage. Rx.	Barlog Barlog Barbours, Light-houses, Sarkets, Barbours, Light-houses, Sarkets, Barbours, Sarkets,	Harkete, and streetpy, Serage Harbours, Light-houses, sireets, Rx. Rx. Rx. Rx. Rx 220 288	Markete, and streetsupply, and drainage. Harbours, Light-houses, and drainage. Rx.	Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx.	Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx. Rx.
RX.	Br. Rr.	Rx. Rx. Rx. 288 181	Paring water-supply, Gewage Rarbours, and drainage. Rx.	Markete, and saire and streets. Fartness and streets. Revenue. Rathours. Rx. Rx. Rx. Rx. Rx. 228 238	Markete, and streets,	Markete, and streets,	Markete, and saire and streets. Fartness and streets. Revenue. Rathours. Rx. Rx. Rx. Rx. Rx. 228 238	Rate Rate	Improvementa Markete, and water-supply, Grusge Barbours, and drainage. Bar.
	Seeage and drainage.	Water-supply, Sevage and and drainage. Rx. Rx. Rx. 288	Paving Sevage and alrects. Rx. Rx. Rx. Rx. 228 288	Rx. Rx. Rx. Rx. Rx Rx 238	Markete, and streetsupply, Gerage and streets. Rx. Rx. Rx. Rx. Rx. 228 228	Markete, and streetenpply, Gerage and streeten and drainage. Rx. Rx. Rx. Rx. Rx 228	Rx. Rx. Rx. Rx. Rx Rx 238	Rx. Rx.	Rx. Rx.
Sewage and drainage.		Rr. 238	Paving and alrects. Rx.	Markete, and alreete, Water-supply, and alreete, Rx. Rx. Rx 820 238	Markete, and streets, Water-supply, and streets, Rx. Rx 820 238	Markete, and streets, Water-supply, and streets, Rx. Rx 820 238	Markete, and alreete, Water-supply, and alreete, Rx. Rx. Rx 820 238	Bx. Bx. Bx. Bx. Bx. Bx. Bx. Bx 228	Rx. Rx.
	Water-supply. Rx. 220 238		Paving and alrede.	Rx. Br.	Bx. Bx.	Markets, and sincels. Rx. Br.	Rx. Br.	Bx. Rx. Rx. Rx.	Bx. Rx. Bx.
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N » & Toral.	R.	20.826 106.582 12,466 165,061	58,330 16,872 122,822 90,766	583,725
Doduct Outlay from Contrabu-	Rz.	13933	729 899 625 15,136	21,347
GRAND TOTAL.	Bx.	24.159 106.582 12.60 5 156,547	59.069 17,771 123.447 106,902	805,072
Mis ce ll s- neous,	P.	35, 17,772 8,479 1,092	\$.628 751 2,612	28,369
Public Works	Br.	868 865 79	276 276 14,038 1,945	18,440
Merhae, Merhae, Public Works	R	162	16	178
- Baltainel	Bx	10 to : :	169 10 181 365	88
Rofferration.	Rr.	80	6,33	12,232
Medical.	Bx.	3,463 6,244 2 41,352	1,809 3,246 16,376	78,891
Police.	B	4,968 33,415 886 856 6,111	7,497 2,050 9,×51 25,819	90,597
.ullat	Rr.	3,674 15,669 2,405 16,160	8.069 2.750 8.570 8.510	50,755
.solitant bas wed	Br.	4,799 17,823 4,102 14,883	6.624 1,299 4,673 8,116	62,149
Ecclesisciles.	Br	317 703 1,609	431 293 1,084 1,367	5,847
Educational.	R	932 1,268 125 39,810	4,278 1,270 9,413 16,272	73,328
Minor Depart-	Zi Zi	8,140	1,379	9,864
Stamps and Sta- tionery offices.	퍞	: : : : : : : : : : : : : : : : : : : :	: : : :	257
Political Agencies.	n n	96 2.276	:::55	2,467
Board of Revenue buildings.	BIL	:::=	155 46 343 ::	457
Residences for and Bester monte, and Bester the monte, and Bester than the secretary of the	Br.	7,956 7,956 9,805	13,628 1,075 6,685 2,955	42,437
Excluse buildings.	Bx	1,564	5,308 469 2,642	14,942
Land Revenue buildings.	Br.	2,983	3,475 61,506 23,510	779 107,803
Treasury and Cur-	Rr.	146	416	77.8
.AqdrigoloT	Bx.	1,582	::::::	1,582
Pout offices,	Br.	671	::::	671
Customs.	Rr.	1,560	\$154 \$25 \$25	6,418
Forest.	Rr.	1,628	8 07.4	2,898
Povuicae.		Central Provinces Lower Burma Assan Bengal		Total.

No. 62 L.-- Classified Abstract of Expenditure from Provincial Funds on Repairs to Civil Buildings.

	Mar Torre.	, Man	8,470 19,556 9,347 31,571	29.037 22.527 32,404 38,924	192,286
-Rq Aug	Deluct Cutre from Coutre	, in	8 : 3	377	666
	JATOT GRAED	Br.	8,695 19,556 9,397 31,716	29,381 22,627 32,604 39,409	193,286
	-all a o alle ,encon	Br.	4,103 1,565 2,966	758 697 145 1,400	11,687
MISCRELL BROUS.	Public Works buildings.	Br	1,328	575 1,964 6,850 1,698	16,148 11,687
CHELA	.entrabl.	R.	::::	38 : : : 2	100
i i	Printlng.	Pr.	89 : :	25.9	764
	Registration.	E.	: :4.0	16	8833
	Medical.	ä	129 147 128 3,321	1,399 743 1,613 3,720	11,194
	Police.	Br	2,149 2,304 478 2,148	7,796 5,522 1,854 5,649	27,900
	.atial	Br	1,152 2,018 774 4,689	1,775 8,542 2,492 2,311	18,753
.eoti	sol has well	R	1,748 3.336 2,511 4,056	2,092 1,450 3,320 3,093	21,566
*1	Beelestes	Rr	486 671 461 819	1,031 1,028 1,487 3,143	9,126
	Educational,	13	119 1,072 1,007 2,862	1,481 1,259 1,442 2,608	11,871
-12mg	Minor De	Br	81 77 1,519	1,298 647 121 1,082	4,820
-101 E	him quiata	Br.	: : : : : : : : : : : : : : : : : : : :	::3:	810
rejes.	Political Ages	Rr	: :25 :	137	1.188
entre	Board of Rev.	Rx.	:::5	150	38
	Residences Local Governments, and Statist officer,	Br.	2,819 679 4,058	1,568 1,943 7,850 8,154	22,780
'all'i	Excles buildin	Rr	131	610 201 131	1,053
enue.	Land Rev buildings.	Br.	5.87 8,376	8,699 3,117 1,113 9,060	\$5.938 95.938
Gur-	has trasser!	H	8 ::	2,455	3.70\$
	Telegraph.	Rx.	: 3	: : : :	979
	Post offices.	Rr	: 8 : :	: : : :	808
	Cantoms.	R.	388	176	1,827
	Porost.	Br	3 : : :	: : \$4.08	285
	Paoeinces.		Central Provinces. Lower Barma Assam Bengal	dh	TOTAL

No. 62M.—Classified Abstract of Expenditure from Provincial Funds on Roads and other Works of Communicati

	MTTALLED BOADS.	Boane.	UBERTALL	UNESTALLED ROADS.		Roa	Roads.							•
PROVINCIAL	Bridged and drained throughout.	Partially bridged and dvalued.	Bridged and drained throughout,	Partially bridged and drained,	Banked and surfaced with "Muram" or similar material, but	Banked, but not surfaced, portially bridged and drained.	Cleared, partially bridges and drained.	Cleared only.	Boat-bridges and ferries.	Accommoda- thu for trellers.	Arborical- tare,	Grand Total.	Deduct Outlay from Opatrabutions.	N T T T T T T T T T T T T T T T T T T T
	2	B.	Br.	Rr.	Rx.	Br.	Rr.	Br.	Bz.	Br.	- Br.	Br.	Rr.	Br
Central Provinces Lower Burna Assam Bengal North-Western Provinces and Oudh Punjab Blombay	4,574 7,179 8,195 8,167 4,441 6,716 5,716	988 1,612 1. 34 10	22,660 26,094 26,094 3,6173 3,6173 3,690 788	1,657 1,602 32,524 181 8,215 686 6,448	\$257 3,257 10 	10,932 406 386 389	142	138	246 569 18 18 18 18	25,281 33,9 880 1,978	9 ::::::	23,874 18,645 48,517 17,216 9,631 14,893 6,406 11,828	40 12 445 769 121	28,252 13,668 42,477 17,204 9,186 14,124 6,285 11,817
TOTAL .	48,746	\$,195	22,427	44,815	8,963	11,766	1,018	1,683	1,424	6,901	676	146,031	2,020	144,011

No. 62N.—Classified Abstract of Expenditure from Provincial Funds on Repairs to Roads and other Works of Communication.

	Mutaliff Roads.	Boans.	UPERTALISD BOADS.	BD BOADS.		Rospe								. 0
PROTITORS	Bridged and drained throughout.	Partielly bridged and drained,	Bridged and drained throughout,	Partielly bridged and drained.	Bunked and surfaced with "Muram" or similar material, but not drained.	Ranked, but not surfaced, pertially britized and drained.	Cleared, partially bridged and drained.	Cleared only.	Boat-bridges	tion for travellers.	Arborical.	GRAFD TOTAL.	Deduct Outlay from Ousir the tiens.	Net Tolle.
	Br	Br.	Bz.	Br.	Br	Rx.	i Ri	B.	Bz.	Br.	Rr	Br.	Bx.	2
Central Provinces Lower Burma Assam Bengal North-Western Provinces and Oudb Madrae Bombay	13,655 48.575 9.963 64,677 68.063 64,558 10,350	3.256 3.256 3.578 3.578	1,987 4,398 8,710 1,725 1,681 9,189 1,124 6,934	5,584 7,442 14,076 1,368 7 5,924	: : : : : : : : : : : : : : : : : : :	2,682 928 2,818 189 189	1,186	178 178 52 1,136	820 2,747 6.536 14,670	786 150 150 150 2,721 2,994 791	2,203	33,100 61,161 47,031 68,591 81,476 91,173 11,474	1308	33.068 61.161 61.161 68.591 80.268 91,061 111.474 78,637
Toral	295,263	36,401	82,668	40,083	794	8,869	4,856	2,012	24,778	14,450	3,558	462,641	1,370	461,271

mprovements.
Impro
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Works of
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No

				Paving		Sevage and	Harbourn	Light	F real	Missellaneme	Gas Trees	Deduct Outley	Mrs Theat
Protestant.		to towns.	Marketo.	streets.	water-paying.	drainage.		houses.				Contributions.	
		Br.	Rr.	HE :	Bx.	Br.	Bx.	Br.	Bx.	Br. 647	Rr. 5,112	Br. 4,464	Br. 648
Louise Brima	-		:	:		18	106	1,247		88	1,470	•	1,470
Ansto	•	785	:	***	648	640	**************************************		***	1,432	8,209	889	125.43
Penesi	•	***		9 9	147	141	2043	*	•	1,555	2,986	275	2,711
North-Western Provinces and Oudh	•	6,135	9 0		2,970	88	:	:	:	1,671	10,809	84	10,725
Punjab	٠	-188	:	117	4,803	4,687	:	*	*	23,402	32,891	11,926	20,965
Madras	٠	5,513	:	0 0	0 1 0	100	1	* * *	:	0 0	5,621	100	6,512
Bombay	٠	718	ŧ	0 0 0	00	-10	:	* * * * * * * * * * * * * * * * * * * *	•	940	1,666	31	1,626
Total	٠	13,127	:	117	12,741	6,128	848	1,247	0 0 0	30,046	63,754	17.67.7	46,179
				-									

No. 62P.—Classified Abstract of Expenditure from Provincial Punds on Repairs to Works of Miscellaneous Public Improvements.

ione. Kar Torne.	*	27	1,044	933 827	189'9	1,281	445 4,258	1,682	8,069	1,390 17,767
Deduct Outlay from Onterbations.	Rs.	:	:		:	•		:	0	
OBASED TOTAL	Br.	8	1,044	1,760	5,534	1,381	4,727	1.683	3,081	19,167
Miss-linecous.	Rs.	•	76	632	4,867	128	1,088	•	2,571	9,386
Mines.	Rx.	***		:	0 0	*	:	:	1	:
Light-	Bz.	:	530	•	•	:	:	* * *	70	009
Harbours.	Bz.		9.	*	999.	0 0	:	* * *	श्रह	946
Sewage and drainage.	Br.	• • • •	:	:	:	:	•		*	44
Water-supply.	Rx.	8	83	1,105	-	. 199	440	•	53	1,873
Paring and ptreets.	Br.	*	3		•	*	8,089	:	51	8,129
Markela	Br	•	*	0			:	:	3	
Improvements to towns.	Br.	:	663	17		959	170	1,682	76	8,203
			٠	٠	•	٠	•	٠	: .	la .
		0	٠	•		•			0	Total
										*
1				•	٠	Ondh		-		3.
Provincial.		٠		•		Com BIL		•		
			٠		•	Provin	•	•	•	
		rovince	IFIDA	•	•	catera	٠	•	٠	
		Central Provinces	Lower Burna	Азнап.	Bengal .	North-Western Provinces and Ondh .	Punjab .	Madra	Bumbay	

No. 620.—Classified Abstruct of Expenditure from Incorporated Local Funds on Civil Buildings-Works.

Phovince.	2.	Post offices.	Land Revenue buildings.	Brefle buildings	Minor Departments.	Educational.	Law and Justice.	Jaile.	Police.	Medical	Public Works	Miscellane.	GRAND TOTAL	Deduct Outloy	Nor Total.
		mi peri	Rr.	Br.	Br.	Rr.	Br.	Br.	Bx.	Rx.	R.	R	Rx	Rz.	M M
Lower Burms	•	•		:	:	:	<i>a</i>		*	2,643	:	2,687	5,330		6,330
Amam		:	:	:		*	40			:	443		448	*	448
North-Western Provinces and Oudh	. qı	:	:	9 9	*	4,038		0 0	:	5,883	561	* 0	10,482	3,234	7,858
Punjab	•		200	***		8,950	94	e e e	*	796	*	700	5,545	*	6,645
Bombay	•		•	* * *	* * * * * * * * * * * * * * * * * * * *	4,038	:	i	:	2,971	0 0 0	162	7.171	*	1747,000
	Total	•	23	•	0	12,026	61			12,293	1,006	8,549	28,976	3,234	20,735

No. 62R.—Classified Abstract of Expenditure from Incorporated Local Funds on Repairs to Civil Buildings.

Not Total.		Bz.	30	. 129	251	6,880	6,912	618	14,227
Deduct Outley Na		Rz.	**		9 0	688	:	:	88
Gas was Total.		i i	36	521	251	5,979	6,912	618	14,316
Miscellans- ous,		Kī.	:	379	:	0 0	1,110	9	1,629
Public Works buildings.		ž.	*	* b	234	69	i	69	240
Medical.		THE WAY	O	148		2,916	1,351	225	4,643
Police.	à			•	:	:	~	*	
Jolle,	9	•	• • • •	•	8 0		*	*	
Law and Justice.	9	7		:	17		387	0 0 0	609
Educational.	2			:	*	2,738	8,720	26	5,523
Minor Departments.	2		8	å 0 0	:	12	•	9 8 8	88
Ereise	å		:	0 0 0	*		8	:	8
Land Revenue buildings.	By		•	# *** *** ***	4 0	0 0	1,306	295	1,600
Post offices.	R		•	•	:	•	:	:	*
			0	•	٠	٠	٠	•	0
			•	8	•	•	0	•	TOTAL
						qpn0	8	•	
Paovinces.						g and			
Prov			•			TOVIDCE		4	
			•	- CITO	•	rtern P	•	•	
		Rainnfana		Lover Burna	Assam	North-Western Provinces and Oudh	Panjab	Bombay	

No. 628. - Classified Abstract of Expenditure from Incorporated Local Funds on Roads and other Works of Communication.

	MBTALLE	METALLED ROADS.	URESTALLED BOADS.	en Boane.		Bo	Roans.							E		
Paoviscis.	Bridged and drained throughout,	Partially bridged and drained.	Bridged and drained throughout.	Partially bridged and drained.	Banked and surfaced with "Muram" or similar material, but not drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Beat. bridges and farries.	Accommoda- tion for travellers.	Arborieul-	Miscellaneous	Navigable canals.	TOTAL.	Deduct Outlay from Contributions	Mer Toral.
Rajputana Coorg Contral Provinces Upper Butma Lower ditto Assam North-Western Prov- inces and Oudh Punjab Madras Bombay	Rr. 1,045 778 377 7,620 78 18,666 374	2.756 631 2.756 631 2.10 627 1,9.49	Ba. 1,006 1,006 9,078 9,078 4,404 4,868 1,995	Br. (41) 1,697 1,697 12,058 6,685 4,496	82. 566 7.178 1.115	87. 3,672 3,672 3,672 3,672 3,672 12 12 12 12 12 12 12 12 12 12 12 12 12	Bx 117 737 90 90 8 8 1147 68,38	188 188 396 396	88. 88. 435. 1,226	8x. 462	B: :: :: :: :: :: :: :: :: :: :: :: :: :	<u> </u>	M : 1 : : : : : : : : : : : : : : : : :	Rx. 1,045 770 8,983 690 18,599 29,999 12,999 18,993 18,993 18,993	E. I. M.	1.045 1.045 7.70 8,8883 18.599 29,699 29,699 12,943 12,943 12,943
Toral .	33,715	7,527	24,909	806,99	8,214	7,940	6,937	1,142	1,760	3,205	189	î	•	152,396	1,147	151,249

No. 62T .- Classified Abstract of Expenditure from Incorporated Local Funds on Repairs to Reads and other Works of Communication.

	Ser Total	Rx. 1,187 832 8,073 12,274 30,850 76.281 29,480 3,058 61,511	220,632
	Dedney Outlay from Contributions.	# : : : : : · · · · · · · · · · · · · ·	878
	Griff Tozak.	Bx. 1,187 1,187 1,187 5,073 12,274 30,850 76,839 29,490 3,058 61,511	291.210
	Navigable canala,	ď 11:::: 11:::	
	Mincellaneous.	# 1 :. : : : : : : : : : : : : : : : : :	819
	Arboricul- ture.	818 ::: 8 ::	1,464
	Accommoda- tion for Travellers.	Bx 11 3,205 1,869 493	4,779
	Roat- bridges and ferrien.	Br. 521 521 469	2,169
	Cleared only,	Br. 134	2,465
Boans.	Cleared, partially bridged and drained.	Br 705 1,606 1,714 1,714	4,486
No.	Banked, but not surfaced, partially bridged and drained.	8x 990 1,177 1,077 62 580 580	8,578
	Banked and surfaced with Waram, or similar materials, but not drained.	Br. 118 118 11069 1,069 2955 3,536	5,634
UNKSTALLED ROADS.	Partfally bridged and drained.	83. 490 4,703 12,204	51,016
UNKSTALL	Bridged and drained throughout.	8x. 37 948 1,690 16,518 5.374 1.480 2,410 5,046	33,053
METALLEE ROADS.	Partially bridged and drained.	Bx 1,058 2,930 909 909	17.333
Metalle	Bridged and drained throaghout.	60,686 8,345 18,810	91,684
	Р во чансва,	Rajputana Coorg Central Provinces Upper Burma Lower ditto Assan North-Western Prov- inces and Oudh Punjab Bouybay	TOTAL

7.

No. 62 U. - Classified Abstract of Expenditure from Incorporated Local Funds on Works of Miscellaneous Public Improvements.

Deduct Outlay Mar Torage Contributions.	### 191 191 192 193 194 19	889 30,880
Gray Total	Rx. 191 1,532 6,966 4,867 1,116 5,897 10,988	31,565
M facellaneous.	Br. 74 13 274 481	1,170
Light-houses.	od ::::::::	0 0
Harbours.	# ::: 88 ::::::	80 80 80
Sewage and drainage.	# ::: 258 :::	1,393
Water-supply.	Rx. 2 2 1 29 8,038 4,635 4,635 10,664	18,441
Paving and streets.	Br. 3566 1,656	8,148
Markels.	BE. 190 1,103 4,316 492	6,113
Improve- ments to towns.	8318 805 805	1,467
Province.	Coorg Central Provinces Central Provinces Upper Burma Lover ditto Assam North-Western Provinces and Oudh Punjab Madras Bombay	TOTAL

No. 62V.—Classified Abstract of Expenditure from Incorporated Local Funds on Repairs to Works of Miscellaneous Public Improvements.

Protincial.	Improve- ments to towns.	Markets.	Paving and streets.	Water-supply.	Sewage and drainage.	Harbours.	Light-houses.	Light-bouses. Mirechanceus, Garra Toran.	GRIPD TOTAL.	Deduct Outley from Contributions.	Nat Total.
	Br.	Br.	Br.	Bx.	B.	Br.	RE	E	Br.	Rx.	RE
Coorg . Upper Burna Lower ditto Assan North-Western Provinces and Oudh Punjab Madras Bombay .	9900	e 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,609	88 60 60 44 60 60 60 60 60 60 60 60 60 60 60 60 60	283 410 504 48	30		38 1,140 1,140 18 18	9, 20 20, 20 1,719 1,719 1,857 6,381 8,87		49 20 20 1,719 1,617 6,881 48 784
TOTAL	385	888	10 10 60	6,064	1,245	9886	9 9	2.031	13,849	140	13,709

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Nr Total.	a	1.843	897	2,740
Deduct Outlay from Contribu- tions,	Rx.	:	:	ŧ
	Br.	1,843	897	8,740
Miscella- neous.	Br.	202	ŧ	2002
Medical.	Bx.	69	:	89
Police	Br.	634	*	634
Jaille.	Rx,	:	:	***
Law and Justice.	Rx.	210	:	210
Ecclesias-	Br.	* *	:	e e e
Educa- tional.	Br.	495	•	495
Political Agencies.	RE	48	887	931
Land Revenue buildings.	Bx.	961	0 0 0	196
Telegraph.	Rx.	:		•
Post offices.	Rx.	0	ů 0 0	•
Opium.	Br.	*	:	
Salk.	Br.	:	:	:
Forest, Customs.	Bx.	:	•	:
Powert.	Bx.	:	•	:
				Torat .
Provinces.				
Pro		٠	•	
		Balnchistan	Khorasan .	

No. 622. - Classified Abstract of Expenditure from Imperial Funds by Civil Department on Repairs to Civil Buildings.

Photis cso.		Pores	Forust, Custome.	e. Salt.		Opium. Pout	Tolograph.	Land Revenue buildings.	Political Agencies.	Educa-	Ecclesias-	Law and Justice.	Jalla	Police.	Medical.	Miscella- beous.	GRAND TOTAL	Deduct Outlay from Contribu-	NET TOTAL.
		Br	Br.	Br	Bx.	BE	Rx.	Bx.	Br.	Rx.	Br	RX	Bx.	B.z.	Br.	Br.	Bx.	Rz.	Br.
Baluchistan		•	•	0 0	9 9	:	;	8228	79	:		10	:	111	24	62	201	*	109
Mysore .		0	•	g 0 0	:	p 0 0	•	2	0 0	•	*	*		:	:	203	603	*	809
	TOTAL		9 9	•	*		0 0	292	150	*	*	ю	:	111	59	266	1,004	:	1,004

No. 62 Y. - Classified Abstract of Expenditure from Imperial Punds by Civil Department on Roads and other Works of Communication.

								1	-	-				-
	Merall	METALLED BOADS.	UFRETALER ROADS.	ED ROADS.		Roans.	and.							
Provinces,	Bridged and drained throng hout.	Parially bridged and drained.	Brigged and Partially Bridged aed Partially drained bridged and drained bridged and drained. throughout, drained.		Banked, and Banked, but unfaced, moravised with not surfaced, or eimilar particular unaterial, but drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Soat-bridges and ferries.	Accommode- tion for travellers.	decommoda- tion for travellers. Arborkenture.	Grand Total.	Dodace Outlay from Contributions.	15 25
•	Bx.	Br.	Br.	Bx.	Br.	R	Br.	Br.	ri Di	Rz.	ai OB	Rx.	Rx.	Bx.
Baluchistan	*	:	•	:		0 0 0	*	9 0	:	i	*	130	Ф 6 8	120

Mergine Boars. Usersiled Roa	Meratico	Boans.	USESTALLED ROADS.	D Roads.		Boans.	DØ.		- '4'	ı	:			
PROVINCES.	Bridged and drained throughout.	Fartially bridged and drained.	Bridged and drained throng bout.	Particily bridged and drained.	Fenked and gerfaced with "Maram" or similar mate- rial, but not drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Buat. bridged and ferries,	Accommodation for travellers.	Arboricui-	Coard Octabe	Deduct Outloy Contributions	Nor Toral.
	2	200	N CC	Rz.	Bz.	Br	Rz.	Rr.	Br.	Rr.	Rr.	Rx.	Re.	ri Pi
Baluchistan	152	200	0 0	99	ŧ	9	P de		9 0	:	417	079		070
CV.		of Expenditure	from	Imperial	Funds	by Civil	Department	on	Works of	Miscellaneous	cous Public		Improvements.	000
			improvements to tewms	Markets.	3	Eaving and Wa	Waler-supply.	Sewage and drainage.	Minee.	Miscellaneous.	GRAFD TOTAL.		Deduct Outlay R. Contributions.	Ner Total.
			Rr	R		Rz.	Bz.	Bs.	Br.	M COR	Rr	,	Rx.	RE
Baluehisitan	•	•		9			80 90	:		•	<i>i</i> 3	38		28
b - Classified Abstract	of Expenditure	sture from	m In perial	rial Funds	de by Civil		Department on	Repairs	te. Works of	11	Miscellaneous		Public Improvements.	ements.
			Improvements to towns.	Markette.		Paving and wi	Water-ourply.	Sewage and drainage.	Mines.	Miscellan coar.	DE. GRAID TOTAL		Ordert Outlay from Contributions.	Her Total.
			Br.	24	Bz.	Bz.	Br.	Br.	Br.	Br.	Rx.		RE.	Rz.
Baluchistan	٠	٠	*	•			138	0 0 0	0 0		P4	133	•	133
No. 62Ac.—Clas	Classified Abs	Abstract of	Expenditure.	1	rom Provincial	13	Funds by C.	Civil Depa	Department on	Cinil	Buildings-	Works.		
PROVINCES.	Poreste.	Adminis-	Minor Depart-	Educational.	Reclesianti-	Law and Justice.	Jalin.	Police,	Moditori.	Public Works,	Miscellane One.	GRAFF TOTAL	Deduct Onday from Contributions.	NET TOTAL
Assam Bengal North-Western Provinces and Oudh		Bar. 113 183	pd : : :	Br. 1,088	Ä::::	Rr 113	Rr. 1,580 10,402	Bx.		B	Br. 120	Br. 226 3,205 884 10,627	B. 24	Ba. 226 3,205 684 10,603
TOTAL	177	2008	:	1,256	:	888	11,962	159	388	11	• 414	14,748	26	14,718
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	Buildings.	
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	om Provincial Funds by C	
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4 4 9	enditure J	
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	-Classified	
	No. 62.4d.	

PROTINCES.	7	Administration traction.	Minov De- Eccleslastica	Ecclesiantical.	Law and Justice.	Jaile,	Police.	Educational.	Medical.	Public Works.	M tocci francous.	Gaare Total.	Deduce Outlay from Cautributions.	Ner Total.
Bengal North-Western Provinces and Oudb	• • •	Br. 17 474	. 2860	Br. 161	Br. 81 1,164	Br. 11	Br. 807 1,173	% : :	4	Bx.	Rz. 1,226 2,479	Rx. 2,253 4,598 1,164	8 ::::	85.253 4,588 1,164
	Total	491	260	161	1,195	11	1,980	;		213	3,706	8,015		8,015

No. 62 de. - Classified Abstract of Expenditure from Provincial Pands by Civil Department on Roads and other Works of Communication.

	METALEND ROLDS.	ROADS.	UNE PTALLED BOADS.	TO BOADS.	-	Roads.	DS.							
PROTINCES.	Bridged and drained throughout.		Partially Bridged and Partially drained, throughout, drained, drained, throughout,	Partially beidged and drained.	Banked and surfaced with "Musam" or similar material, but not drained.	Bunked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Chared ealy,	Boat-bridges and ferrior.	Accommoda- tion for travellers.	Arboricaitare.	GRAFF TURE.	Deduce Outley from	Nee Toral.
Assam	Rr.	15 E	Rx. 979	Br.	B.	Kr.	R.	BX:		Br.	Br.	Rx. 979	B.c.	Br. 979
North-Western Provinces and Oudls	1,195	1,650	252 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	469	202	417	306	169			3,956	: : :	3,956
Total	1,642	1,650	1,203	999	997	308	417	325	728	54	0 0	184,9		6,721

No. 624f.—Clossified Abstract of Expenditure from Provincial Funds by Civil Department on Repairs to Roads and other Works of Communication.

	Meralle	MFFALLED ROADS.	URESTALLED BOADS.	BOADS.		Roans	pe.							
PROVINCES.	Bridged and drained they aghout,	Partially bridged and drained.	Bridged and drained throughout,	Partially bridged and drained.	Banked and burfaced with "Muram" or similar material, but not drained.	Banked, but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleared only.	Boat-bridges	Accommoda- tion for travellers.	Arboriculture.	Gaine Fotab.	Deduct Outlay from Outritutions	NH TOTAL
Bengal North-Western Provinces and Ondis	Rx. 876 16 1,061	Br	Hz. 495 ::	Bx. 360 714 1,356	Rx. 942	Br	H ::	88 89 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	Rs. 4,310 2,067	Br. 22 107	Bx. 175 16	Rx. 7.046 3.363 5,685	Rz 663	Rr. 7,005 8,363 5,023
TOTAL	1,963	83 4	716	25 ,430	1,003	1,410	388	1,248	4.6,367	118	191	16,053	663.	15,390

. 2 4

No. 63.49 .- Classified Abstract of Expenditure from Provincial Funds by Civil Department on Works of Miscellaneous Public Improvements.

Photocol.		Improve- ments to towns.	Marketo.	Paving and otrrete.	Water-supply.	Sevare and drainage.	Harbours.	Light-houses.	Minee.	Miscellineous. Graff Total.	GRAND TOTAL.	Doduct Outloy from Contributions	Nor Toras.
		R _X .	Bs.	Br.	Rr.	BI.	Bx.	RE	Si Si	188 XX.	Bx.	B.c.	8 2.
Lower Burms	•	\$0.230	ŀ	:		i		:	:	:	26.230		26,230
Аменти		:	:	•	i	:	:	*	:	4,028	4,028	:	4,028
Bengal	•	0 0	0 0 0	•	610	:	*	1	:	6,397	7,007	•	7,007
North-Western Provinces and Ough	•	:	, 0		194	0 0 0	•	:	•	2,849	8,643	:	8,643
Madrae	•	. 15,161	:	0 0	39,963	817	0 0	ib V e	* * * * * * * * * * * * * * * * * * * *	-	55,443	*	56,443
													-
	Total	. 86,391	•	0 8	41.367	817	•	1	ę •	18,275	80,850	:	90,350

No. 62Ah.—Classified Abstract of Expenditure from Provincial Punds by Civil Department on Repairs to Works of Miscellaneous Public Improvements.

Province		Improve- ments to towns.	Markota.	Paving and streets.	water-cupply.	Sevage and drainage.	Harbours.	Light-houses.	Ming.	Miscellaneous.	Miscellancous. Grand Total.	Deduct Outless from Contributions.	Nav Total.
		Br	Br.	Rr.	Br.	, id	Br.	Br.	Br	B.	M	Rx.	° M
Bongal	•	9 9	÷	:	136	***	***	•	0 0	4,117	4,253	ø °	4,253
North-Western Provinces and Onelh	•	73	38	:	752	*	ф ф	0 6	•	6,604	7,466	:	7,466
Madras	•	3,392	D 0	i	22	76	*	:	*	40	3,494	;	909'8
	TOTAL .	8,465	88	:	816	20	:	9 8 4	*	10,724	16,312		15,213

-Works.
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Provinces.	Cus-	Oplan.	Nost offices.		Telegraph. Administra-	Minor Departments.	Edvestional.	Educational. Ecclesisation.	Law and Justice.	Jaile.	Police.	Medical.	Public Works, Macellaneous	Misce llansous.	Grans Total.	Dediler Outlay from Contributions.	New Towns.
	Re	Br.	Br.	4	Rr.	Rr	Bx	Bx.	Br.	· Br.	Bz.	R3.	Br.	Rr.	Br.	Rx.	TO TO
Raiputana	: : :	:::	: : :	: : :	81 81 81	: : :	: : :	:::	0 0 0	:::	40 :	9 b 1. 9 d d 6 d d	18 52	9 :8	535	.:::	585 115
Upper Burms	::3	1,399	:83		8,636	165	1,427	166	070'9	1,871	76	8,589	2,158	8,337	132	: : :	33,44
Restern Provinces		111	:::		287		1,478 8,249 6,400		6 0 6 6 6 6	:::		3,219 368	1,688	19 4,669 417	1,629	* * * *	1,629
Total	99	1,389	9 447	219	4,434	166	11,549	The	6,040	1,871	1,310	10,358	4,166	13,417	55,589	***	, 55,5 9,5 9,5

No. 624j.—Classified Abstract of Expenditure from Incorporated Local Funds by Civil Department on Repairs to Civil Buildings.

Papetificial.		Cus- toms.	Opist.	Post offices.	Telegraph.	deninistra- tion.		ate.	decations.	Educational, Eccleptactical.	Law and Justice.	Julie.	Pelice.	Medical.	Public Works.	Public Works, Miscellancous.	GRAND TOTAL.	Dodard Outlay from Contributions.	Nat Toras.
		B.	Br	- E	24	- R	1	Br.	Br.	Br.	38	R.	Br.	Bx.	Br.	Bx.	Rx.	Rr.	B.
Rajputana Central India		::	: :	: :	: :		8 7	F=1	£60 ::	0 9 0 0 0 B	: :	: 50	eo :	:	106	23-	206	::	\$ 20.5 5.5
Central Provinces Upper Burma		::	: :	: : 0	: :	•	29	: :	* *	: :			70	:: 10	::	: :	125	: : :	525
Lower drive.		: :	: 8	661	166	3,396		524	408	463	879	1,991	699	613	1,359	7,020	17,985	:	17,985
0	LIOATOOCE WOR	•	:		:			10	5,075	:	:	: :	7 :	1,870	159	104	11,028	: :	5,639
Bombay		::	::	• :		1	33	1	7,360	: :	•	:	:	295	* 0	69	7,835		7,885
				1							-								
	Toral	:	68	3 557		166 3,5	3,572	279	13,967	894	818	20.02	169	3,051	2,23.	14,697	42,999	* *	42,999
	**			-										The second second					

624k. - Classified Abstract of Expenditure from Incorporated Local Funds by Civil Department on Roads and other Works of Communication. No.

	2	METALLED ROADS.	AD6.	URELLEED BOADS.	D Rothe.		Bo	BOADS.						-	
PROVINCES.	Bridge drad throng	Bridged and Price drained brice throughout.	Partially bridged and drained.	Bridged and drained throughest.	Partially bridged and drained.	Banked and Banked and with "Muram" or wintlar material, but	Banked, but not surfaced, partially brdged and drained.	Cleared, partielly bridged and drained.	Cleared only.	Boat-bridges and ferrica.	Accommoda- tien for travellers.	Arbori-	Grand Total.	Dudact Ontloy from Contributions.	Mar Tozal.
Central India Central Provinces Upper Burns Lower ditto Astam Bengal North-Western Provinces and Oudh Madras	8s. 2472 (61,940) (19,297) (19,297) (19,297)		8 5,513 6,513 6,143	8x. 2,708 428 4,183 4,183 860	8x. 2,429 6,061 1,075 5,555 1,490	628 628 940 4,157	78 755 1,650 4,387 1,407	1.85.2 3.94 870 870		Br. 52 52 54 51 51 51 51 51 51 51 51 51 51 51 51 51	Br	RI	85. 2 228 1.228 9.361 6.789 6.789 4.461 61.954 17,577	å : : : : : : : : :	Bx. 323 1,223 9,361 9,361 9,361 9,361 9,461 9,1577
Toral	81,573		17,635	11,238	16,608	8,096	8,570	8,541	26092	21,440	11,119	1,523	184,726		184,726

No. 6211.—Classified Abstract of Expenditure from Incorporated Local Funds by Civil Department on Repairs to Roads and other Works of Communication.

	Marabla	MRIABLED ROADS.	Unitates Boars	B BOATH.		Roads	D6.							distribution of the state of th
PBOVINCES.	Bridged and drained threaghout.	Partially bricked and drained,	Bridged and dusined throughout.	Partially bridged and drained.	Banked and auraced with Muran or aimilar material, but not drained.	Banked but not surfaced, partially bridged and drained.	Cleared, partially bridged and drained.	Cleaved only.	Boat bridges and ferrice.	Accounces. tion for travellers.	Arbori- culture.	GEAFE TURK.	Defact Outless from Contributions	Nes Torus.
Central India Rajputana Central Province Upper Burma Lower ditto Bengal North-Western Provinces and Gudh Madras Bombay	Br. 42 2,356 2,356 2,356 101,866 663 171,004 1,004	Ra. 1,025 16,674 2843 29,118 1,209	Rz 297 1,020 19,995 8,854 17,412 6,856	8x. 1,146 900 24 28,506 10,631 28,796 7,847	8x. 55 3.196 274 12.160 7.354	823 1,111 9,336 1,295 3,384 947	Rr. 886 8.318 8.355 8.628	Bx 1,018 7,671 4,093 1,526 14,560 14,560	8. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Rx. 841 841 841 841 841 841 841 841 841 841	8.1. 163 768 8,140 3,400	8x. 130 205 9,903 9,903 194,923 31,336 262,578 53,048	A	Rx. 120 120 208 9,008 4,343 2,508 26,257 53,048
Total	276,949	48,703	53,638	67,858	23,003	17,808	12,858	28,852	10,700	12,812	6,577	147	•	669,147

No. 624m. - Classified Abstract of Prognditure from Incorporated Local Funds by Civil Department on Works of Miscellaneous Public Imprave-

N 35 Total.	Rx	255 971 2,623 10,455 10,455 8,314 25,487	67,119
Deduct Outlay from Outributions,	Bar		:
Gaure Total.	Rz.	25 97.1 9,256 2,623 10,465 683 6,31 26,487	67,113
Miscellaneous.	Rx.	25.58 25.58 12.568 14.66 94.9	3,546
Light-houses.	Rz.	:::::::	
Harbours,	Rx.		•
Sewage and drainage.	B.	21 129 154 138 8608 214	1,169
Water-upply.	Bz.	26 243 756 442 9,639 176 1,426	86,884
Paving and streets,	Br	:::::::::::::::::::::::::::::::::::::::	87
Markets.	Bx.	7,284 1,520 4,728 64	13,531
Improvements to towns.	Rx.	34 771 684 684 897 66	1,966
PROVINCES.		Central India Central Provinces Upper Barma Lower ditto Bengal Moth-Western Provinces and Oudb	Total

No. 624n.—Classified Abstract of Expenditure from Incorporated Local Funds by Civil Department on Repairs to Works of Miscellaneous Public Improvements.

	PROVINCES.			Improvements to towns.	Mar kets.	Paving and alreeds.	Water-supply.	Beware and drainage.	Harboure.	Light-houses,	Miscellaneau.	GRAND TOTAL	Deduct Outley from Contributions,	N sr Total,
Raiputana Central India Coorg Central Provinces Upper Barma Lower ditto Bengal North-Western Provin Madraa	dia covinces ma Oudh	 		10 60 130 17 167 167 167	Rx 17 17 10 362 206 1,382 15 16	gi iiiiiiiii	Ba. 20 367 401 10 4,734 77 3,209 10,606	88 : 14 : 15 : 18 : 18 : 18 : 18 : 18 : 18 : 18	4 ::::::::::::::::::::::::::::::::::::	a in in in in in in in in in in in in in	Br. 150 157 10.362 878	Ba. 1150 27 27 17 418 971 500 5,255 183 11,120	R 4 : : : : : : : : :	Br. 160 27 27 17 418 971 500 6.258 15.120 11,674
2 B		Total	•	541	1,982	•	19,418	833	•	:	12,148	34,817	*	84,317

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

IMPORTS OF COTTON, WHEAT, LINSEED, AND INDIGO.

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rasl and river 1st January to 30th June 1898; compared with the

a state of the same	1	Calcutta.		City	y of Bomba	у.		Karáchi.			THE .	
Articles and whence exported.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898,
					1	Imports in	June.					
COTTON										0		
y Rail and River—												
Bengal	6,842	15,575	5,971	3,155	16,103	8,681	***	696	844	6,842	31,678	30,
anjab .	11,992	7,822	3,824	1,005	5,037	5,685	11,084	20,393	23,098	16,413	33,252	32,
ent. Provs.	61		3,079	153	2,255	22,510	***	000	000	143,203	2,255	25.
sombay .	***	900	800	143,203	181,270	272,134	21,572	22,601	15,272	21,572	22,601	272, 85,
Madras	***		000	13.655	51944	3,306	000	***	000	13,655	5,944	9,
Berar	15,789	3,875	2,545 305	38,610	14,107	50,449	000	***	.00	54,399 1,583	3,875	62,
Assem Raj. & C. I.	279	2,661	3,502	58,677	105,831	142,157	000	107	001	58,956	108,492	145,
Nizam's Torr	***	000	***	3,704	9,277	12,818	000	***	141	3,704	9,277	12
Mysore			***	***	***	100	***	000	***			
TOTAL .	40,870	47,187	31,153	262,162	339,824	533,740	32,656	42,994	38,370	335,688	430,005	603,
Sea-	479	2,693	330	***	***	649		***	500	479	2,603	
Bengal	17,931	7,936	2,112	43	301	***	***	004	949	17,974	8,237	2
Sind	2,765	215	1,436	5,279	16,911	5,688	***	***	800	5,279 3,011	16,911 277	5
Madras	97	1,407	4,403	***	131	·8.	***	***	***	97	1,418	4
Non-Br. Ports in India	***	***	468	25,877	71,549	122,130			001	25,877 4,787	71,549 4,128	132
Foreign countries .	626	***		1			000	***	000			
TOTAL	21,898	12,251	8,809	35,606	92,962	129,018	500	•••	***	57,504	105,213	137
OTAL OF IMPORTS .	63,768	59,438	39,962	297,768	432,786	662,758	32,656	42,994	38,370	393,192	535,218	741
					Importa	from Jan	tary to J	ine.				
COTTON	1			1		1	1					
	1				1							
By Rail and River—	46,562	71,828	27,259	222 188	12	900 2000 ATT	***	\$00	***	46,562 408.274	71,840 420,560	31
by Rail and River—	175,115	226,931	27,259	233,158 67,817	12 202,629 48,694	201,477 71,144	262,166	281,610	322,385	46,562 408,274 357,793	429,560 384,992	32 43
By Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs.	175,115 27,810 6,794		27,259	233,158 67,817 182,793	202,629 48,694 182,079	201,477 71,144 321,663	1		660	408,274 357,793 189,587	429,560 384,992 194,356	32 43 33
Bengal NW. P. & Oudh Panjab Cent. Provs Eombay	175,125 27,810 6,794 38	226,931 54,688 12,277 5	27,259 123,222 37.869 14,328	233,158 67,817 182,793 2,093,443	202,629 48,694 182,079 1,609,970	201,477 71,144 321,663 2,071,338	262,166	281,610	322,385	408,274 357,793 189,587 2,093,481	429,560 384,992 194,356	32 43 33 3,07
Bengal and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łombay Sind Madras	175,1:5 27,810 6,794 38	226,931 54,688 12,277 5	27,259 123,222 37.869 14,328	233,158 67,817 182,793 2,093,443 33,624	202,629 48,694 182,079 1,609,970 16,225	201,477 71,144 321,663 2,071,338 15,923	262,166	281,610	322,385	408,274 357,793 189,587 2,093,481 174,491 33,624	429,560 384,992 194,356 1,609,975 161,166 16,225	32 43 33 3,07 11
By Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Eombay Sind Madras Berar	175,1'5 27,810 6,794 38	226,931 54,088 12,277 5 47,125	27,259 123,222 37.869 14,328	233,158 67,817 182,793 2,093,443 33,624 886,396	202,629 48,694 182,079 1,609,970 16,225 735,511	201,477 71,144 321,663 2,971,338 15,923 1,146,081	174,491	281,610	322,385	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636	32 43 33 3,07 11 1
Bengal	175,1:5 27,810 6,794 38	226,931 54,688 12,277 5 47,125 13,974	27,259 123,222 37.869 14,328	233,158 67,817 182,793 2,093,443 33,624	202,629 48,694 182,079 1,609,970 16,225	201,477 71,144 321,663 2,071,338 15,923	174,491	281,610 161,166	322,385	408,274 357,793 189,587 2,093,481 174,491 33,624	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884	32 43 33 3,07 11 1,20
iy Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Lembay Sind Madeas Berar Assam Raj. & C. I. Nizam's Terr.	7,5,1.5 27,810 6,794 38 54,307 11,435 9,005	226,931 54,088 12,277 5 47,125 13,974 30,831	27,259 123,222 37,869 14,328 62,871 9,479 26,810	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639	201,477 71,144 321,063 2,071,338 15,923 1,146,081 512,347 17,789	1 262,166	281,610	322,385 [16,271	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703 11,435 518,426 10,155	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639	32 43 33 3,07 11 1,20
Bengal and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łombay Sind Madeas Berar Assam Raj. & C. I.	7,5,1.5 27,810 6,794 38 54,307 11,435 9,005	226,931 54,688 12,277 5 47,125 13,974 30,831	27,259 123,222 37,869 14,328 62,871 9,479 26,810	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053	201,477 71,144 321,663 2,071,338 15,923 1,146,081	174,491	281,610	322,385 116,271	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703 11,435 518,426	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884	32 43 33 3,07 11 1,20
By Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łembay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr.	7,5,1.5 27,810 6,794 38 54,307 11,435 9,005	226,931 54,088 12,277 5 47,125 13,974 30,831	27,259 123,222 37,869 14,328 62,871 9,479 26,810	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639	201,477 71,144 321,663 2,971,338 15,923 1,146,081 512,347 17,789	1 262,166	281,610	322,385 [16,271	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703 11,435 518,426 10,155	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639	32 43 33 2,07 11 1,20
Bengal N. W. P. & Oudh Panjab Cent. Provs. Łombay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr. Mysore	175,125 27,810 6,794 38 54,307 11,435 9,005	226,931 54,688 12,277 5 47,125 13,974 30,831	27,259 123,222 37,869 14,328 62,871 9,479 26,816 	233,158 67,817 182,793 2,093,443 33,624 886,396 10,155 97	202,629 48,604 182,079 1,609,970 16,225 735,511 715,053 21,639 169	201,477 71,144 321,663 2,971,338 15,923 1,146,081 512,347 17,789	1262,166 174,491 	281,610	116,271	408,274 357,793 189,587 2,003,481 174,491 33,624 940,793 11,435 518,436 10,155 97	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639 169	32 43 33 3,07 11 1,20 53
Ey Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łombay Sind Madras Berar Amarm Raj. & C. I. Nizam's Terr. Mysore Total By Sea— Bengal	175,125 27,810 6,794 38 54,307 11,435 9,005 	226,931 54,688 12,277 5 47,125 13,974 30,831 	27,259 123,222 37,869 14,328 62,871 9,470 26,810 301,838	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97 4,016,844	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639 109 3,531,981	201,477 71,144 31,663 2,971,338 15,923 1,146,081 512,347 17,789 	1 262,166 174,491 436,658	281,610 161,166	322,385 116,271 438,656	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703 11,435 518,420 10,155 97	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639 169 3	32 43 33 3,07 11 1 1,20 53
Sy Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łombay Sind Madras Berar Assam Raj. & C. I. Nizam's Test. Mysore Total	175,125 27,810 6,794 38 544,307 11,435 9,005 	226,931 54,688 12,277 5 47,125 13,974 30,831 457,659	27,259 123,222 37,869 14,328 62,871 9,479 26,816 	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97	202,629 48,604 182,079 1,609,970 16,225 735,511 715,053 21,639 169	201,477 71,144 321,663 2,071,338 15,923 1,146,081 512,347 17,789 	262,166 174,491 436,658	281,610 161,166 442,776	322,385 	408,274 357,793 189,587 2,003,481 174,491 33,624 940,793 11,435 518,436 10,155 97	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13.974 745,884 21,639 169 3 4,432,416	32 43 33 3,07 11 1,20 53 4 3,09
Sy Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provas Lombay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr. Mysore Total By See— Bengal Bombay Sind Madras	175,125 27,810 6,794 38 54,307 11,435 9,005 331,126	226,931 54,088 12,277 5 47,125 13,974 30,831 457,659	27,259 123,222 37,869 14,328 62,871 9,479 26,810 301,838	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97 4,016,844	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639 109 3,531,981	201,477 71,144 321,663 2,971,338 15,923 1,146,081 512,347 17,789 4,357,762	1 262,166 174,491 436,658	281,610 161,166 442,776	322,385 	408,274 357,793 189,587 2,093,481 174,491 33,024 940,703 11,435 518,420 10,155 97 4,784,628	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639 169 3 4,432,416 15,577 77,3388 79,214 1,870	30,07
By See— Bengal NW. P. & Oudh Panjab Cent. Provis. Eembay Sind Madras Berar Assiam Naj. & C. I. Nizam's Terr. Mysore TOTAL By See— Bengal Bengal Bombay Sind Madras Bombay Sind Madras Bengal Bombay Sind Madras Burma	175,125 27,810 6,794 38 54,307 11,435 9,005 331,126	226,931 54,688 12,277 5 47,125 13,974 30,831 457,659 13,412 38,369 1441 5,423	27,259 123,222 37,869 14,328 62,871 9,479 26,810 301,838	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97 4,016,844	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639 169 3,531,981 2,165 38,939 79,214 429 11	201,477 71,144 321,603 2,071,338 15,923 1,146,081 512,347 17,789 4,357,762	262,166 174,491 436,658	281,610 161,166 442,776	322,385 	408,274 357,793 189,587 2,093,481 174,491 33,624 940,703 11,435 518,426 10,155 97 4,784,628	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13.974 745,884 21,639 169 3 4,432,416	33,00
Ey Rail and River— Bengal NW. P. & Oudh Panjab Cent. Provs. Łombay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr. Mysore TOTAL By See— Bengal Bengal Bombay Sind Madras	175,125 27,810 6,794 38 54,307 11,435 9,005 331,126	226,931 54,088 12,277 5 47,125 13,974 30,831 457,659	27,259 123,222 37,869 14,328 62,871 9,479 26,810 301,838	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97 4,016,844	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639 109 3,531,981	201,477 71,144 321,663 2,971,338 15,923 1,146,081 512,347 17,789 4,357,762	262,166 174,491 436,658	281,610 161,166 442,776	322,385 116,271 438,656	408,274 357,793 189,587 2,093,481 174,491 33,024 940,703 11,435 518,420 10,155 97 4,784,628	429,560 384,992 194,395 1,609,975 161,165 16,225 782,636 13,974 745,884 21,639 3 4,432,416 15,577 77,308 79,214 1,870	32 43 33 3,07 11 11,20 53
By Sea— Bengal NW. P. & Oudh Panjab Cent. Prova. Lombay Sind Madras Berar Assam Naj. & C. I. Nizam's Terr. Mysore TOTAL By Sea— Bengal Bombay Sind Madras Burma Non-Br-Ports in India	175,125 27,810 6,794 38 54,307 11,435 9,005 331,126	226,931 54,688 12,277 5 47,125 13,974 30,531 457,659 13,412 38,369 14441 5,423	27,259 123,222 37,869 14,328 62,871 9,470 26,810 301,838	233,158 67,817 182,793 2,093,443 33,624 886,396 509,361 10,155 97 4,016,844	202,629 48,694 182,079 1,609,970 16,225 735,511 715,053 21,639 109 3,531,981 2,165 38,939 79,214 429 11 552,688	201,477 71,144 321,663 2,071,338 15,923 1,146,081 512,347 17,789 4,357,762	262 ₈ 166 174 ₉ 491 436,658	281,610 161,166 442,776 .	322,385 	408,274 357,793 189,587 2,003,481 174,491 33,624 940,703 11,435 518,426 10,155 97 4,784,628	429,560 384,992 194,356 1,609,975 161,166 16,225 782,636 13,974 745,884 21,639 169 3 4,432,416 177,308 79,214 1,870 5,434 552,688	30 43 33 3,07 31 1 1,20 53 1 3,09

d by sea into Calcutta, the City of Bombay, and Karáchi, during the month of June 1898, and from vresponding zeriods of the years 1896 and 1897.

Articles and who	. (Calcutta.		City	of Bomba	у.		Karáchi.			TOTAL.	
esporte esporte	1896.	1897.	1898,	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
			!		1	mports in	June.					
WHEAT	•		1							1		
			*				1					
Rail and River-	47,034	6,681	92,344	***	4 44 6	633,516		801	3,261	47,034 80,112	6,681	92,344
N.W. P. & Oudh	79,545	13,925	14,919	5,902	1,804	434,424	392,763	217,820	1,872,918	423,016	233,549	2,322,201
Cent. Provs	7,095	1		28,968	10,876	71,280	800	***	***	32,003 28,968	10,876	71,280
Bombay · · · · · · · · · · · · · · · · · · ·	000	000	000	20,905	444	,,,,,,,	101,202	127,125	509,915	101,202	127,125	509,915
Madras - •	003		100	***		F41	***	***		3,457	400	541
Berar · · ·	400	***	145	3,457	465	341	000	440		***	***	145
Rai. & C. I	984	400	***	87,473	6,865	67,555	***	***	***	87,473	6,865	67,555
Nizam's lere	400	300	844	550	***	1	204	660	500	901		***
Mysore · · ·	640	***	400	***								
TOTAL .	158,625	126,950	907,484	151,225	24,091	1,303,357	493,965	344,945	2,386,094	803,815	495,986	4,596,985
y Sea-	400		400	220	***	***		***		***	000	989
Bombay	***				100	49,496	180	35	***	98,189	176,068	49,496
Sind	449		100	98,189	176,033	42,430	000		***		***	400
Madras	***	***	***	***	4	***	***	100	000	***	2,893	51,555
Non-Br. Ports in India	989	***	***	***	3,700	\$1,555	1,358	010	611	1,358	3,700	***
Foreign countries .	***	***					110				.0	
TOTAL .		994	000	98,189	182,626	101,051	1,538	35	001	99,727	182,661	101,051
OTAL OF IMPORTS .	158,625	126,950	907,484	240,414	206,717	1,404,408	495,503	344,980	2,386,094	903,542	078,647	4,697,986
					Importa f	rom Janua	ry to June	B.				
WHEAT							_					
By Rail and Kiver-			445 501	-	222			404		203,217	97,275	445,551
Bengal	203,217 594,783	97,053 560,911	3,427,234	8,585	70,795	2,233,753	***	***	134,616	958,712	631,706	5,795,605
N.W. P. & Oudh	61,927	20,300	119,557	14,489	23,079	1,363,468	882,296	424,848	5,235,390	654,575	49,933	1,364,672
Cent. Provs.	39,520	20,854	1,404	979,082	165,645	1,242,800		244	411	979,082	105,045	1,242,800
Sind .	444	84+	410		191	27	522,586	269,072	1,047,085	522,580		27
Madras	5,046	***	991	33,394	151	7,206		***	***	38,440	151	7,200
Berar	31040	***	794	***	44,847	404,431	***	***	000	536,850	45,125	404,50
Rai. & C. 1.	900	278	70	\$36,850 1,032	27	1,345			064	1,033	27	1,345
Nizam's Terr.	***	***	***	4,598	000	100	941	***		4,598	0.00	
	904,493	705,402	3,994,610	2,193,085	321,750	6,146,939	1,404,882	693,920	6,417,091	4,502,460	1,721,072	16,558,66
TOTAL												
By Sea	804	***	***	4,659	9		822 818	***	, g6	6,285	5,051	57,77
Bengal		***		415,228	5,051 306,336	422,230	010	35	90	188,478	306,371	422,23
Sind	***		801	188,478	3001330	78	***	0 100	***	120.730	***	7
	201	440	5	139,717	0.00	289,277	21,256	401	890	139,739	10,335	290,16
Madras Burma		444		38,590	10,335 48,461		2,707	1,216		18,740	131,829	3
Burma Non-Br. Ports in Indi			0.11	101-20	1						1	
Burma	***	82,152				760,317	25,625	1,251	986	829,136	453-595	770,30
Burma Non-Br. Ports in Indi Foreign countries	-	82,152	5	802,705	370,192	769,317	25,625	695,171	900			

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rail and river 1st January to 30th June 1898, compared with the

Articles and whenon		Calcutta.		Cit	y of Bomba	iy.		Karáchi.		•	OTAL.	
exported.	1896.	1897.	1898.	1896.	1897.	1898,	1896.	1897.	1898.	1896.	3	1898
						Imports in	June.					
LINSEED										0		•
y Rail and River - Bengal NW. P. & Oudh	366,472 106,702	328,170 143,886	337,855 147,625	6,088	10,089	75,030	392	***	800	366,472 113,182	328,170 153,975	337,
Panjab	315	000	416	40,915	9,240	59,606	3,817	12	000	3,818	9,240	60
Sombay	***	000	800	89,835	8,300	51,890	100	000	994	89,835	8,300	51
dadras	***	044	400	3,056	2,753	2,444	***	424	***	3,056	7.753	20
Assum	14,971	6,424	9,458	66,135	7,753	,148	***	900	400	14,971	6,424	5
Raj. & C. I	000	440	500	32,177	19,109 5,120	92,787	***	000	000	32,177	5,120	9/
Alysore	801		010	3	***			***	000	3	000	
TOTAL	488,460	478,480	495,854	267,825	59,611	322,378	4,209	13	800	760,494	538,103	819
y Sea-												
Bombay	97	***	450	22	50	000	000	000	000	97 23	50	
bind Madras	***	000	740	1,087	309			000	0.04	1,087	309	
Burma	***	***	***	000	***	000	***	000	***	***	500 500	
Non-Br. Ports in India Foreign countries	***	***	000	15	10 36	, 166	000	***	409	15	36	
TOTAL .		***	450	1,125	405	169	400	***	441	1,222	405	
									-			
STAL OF IMPORTS .	488,557	478,480	496,304	268,950	60,016	322,547	4,200	12	800	761,716	538,508	81
LINSEED					Imports	from Janu	Mary to Ji	nne.				
LINSEED										(
Rail and Kiver-												
bengal NW. P. & Oudh	1,140,358	981,227 309,527	1,455,167	9,276	19,885	139,223	1,220	000	800	1,140,358	921,227	1,45 60
Panjab Cent. Provs	469	801		25	***	171	10,158	1,251	1,093	10,652	1,251	
Bumbay	81,863 194	E,439	27,005	291,331 1,341,775	71,130 68,559	474,024 510,575	000	989	900	373,194 1,341,969	72,569 68,559	51
Sind	400	***		96,588	48		215	18	400	215	18	
Berar	63,755	2,210		658,697	30,659	24,537	***	001	***	96,588 722,452	32,869	2
Raj. & C. 1	25,141	12,775	23,986 19,454	179,073	79,131	230,482	***	880	***	25,141 179,073	12,775 79,138	2.
Nizam's lerr	***	•••	411	522,705 164	29,779	155,356	***	400	400	\$22,705	29,779	13
TOTAL .	1,593,503	1,247,185	1,994,313	3,099,634	299,191	1,771,480	11,602	1,269	1 Son		* #49 648	1
	*103013-0	1,00,1.00	.19900-5	3,099,034	293,000	1,771,400	113000	synoy	1,893	4.704.739	1,547,645	7
Sea-Bengal	433		853	175	***			***	***	608		
Sind	***	***	890	1,116 2,729	1,641 309	601 318	70	16	12	1,186 2,729	309	
Madras	206				000	***	***	***	***	308	000	
Non-Br. Ports in India	1	***		19,609	3,862	1,811	***	***	600	19,609	3,862	
oreign countries .	4		***	930	4,280	996	000		***	934	4,280	
	645	001	853	24,559	10,092	3,726	70	16	12	25,274	10,108	
TOTAL .				1					-			1

and by sea into Calcutta, the City of Bombay, and Karáchi, during the month of June 1898, and from corresponding periods of the years 1896 and 1897—contd.

Articles ar hence		Calcutta.		City	y of Bomba	y.		Karáchi.			TOTAL.	
expos 4	1896,	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
						Imports i	n June.					
• INDIGO								1	1			
By Rail and River-						1		1				4
Bengal	31	264	96		400				4		of.	
NW. P. & Oudh .	399	7		***	140	***	***	041	444	399	264	3
Panjab	***	100	400	2	6		622	926	303	624	932	30
Cent. Provs	***	***	194		400	440	000		0.		93-	***
Bombay · ·	***	***	100	317	251	306	400		***	317	9 251	30
Sind	***	***	***		***	***	1,636	383	461	1,636	383	10 4C
Madras	000	100	640	128	a 4	30	101	***	000	128	4	- 3
Assam	000	***	***	4-	7		***	***	404	***	****	***
Raj. & C. 1.	***		000	101	***	401	***	000	+=+	00+	000	0.09
Nizam's Terr.	***	157	000	82	71	444	***	***	***	101	71	***
Mysore	400	***		111	444	***	***	***	*40	82	***	***
			***	***	***	***		***	100	***	+ ml	udo
TOTAL .	. 430	271	96	630	332	336	2,258	1,309	764	3,318	1,912	Gig
By Sea-												
Bengal .	410	***		444	***	000			1		4	
Bombay		***	490		***	***	000	6	***	***	6	4+0
Sind	***			988	515	283	11.7	***		988	515	28
Madras	464		404	12		411		***	***	12	3-3	500
Burma			100	***	44)	000	***	000	040	000	***	000
Non-Br. Ports in India	***	***	***	*** 9	000	***	411	***	***	***	000	***
Foreign countries .	***	804	409	***	***	***	804	***	***	***	***	450
TOTAL .	***	•••		1,000	515	283	•••	6	100	E,000	₹ 521	36
TAL OF IMPORTS .	430	271	96	1,630	847	619	2,258	1,315	764	4,318	2,433	1,4

Imports from January to June.

INDIGO			,										
By Rail and River-	-					1						4	
Bengal	0	13,217	16,334	9,713	140	***	***	***		***	13,217	16,334	9,713
NW. P. & Oudh		2,435	2,938	4,351	6	644	3	***	650	500	2,441	2,938	4,353
Panjab	0	991	308	***	5	68	Io	4,749	1,872	2,443	4,754	2,248	2,453
Cent. Provs		000	***	***	***	944	***	***	***	***	***	***	000
Bombay .		***	***	***	2,750	528	1,178	***	4++	000	1,750	528	1,178
Sind •	0	441	004	996	400	444	444	4,964	1,355	2,341	4,964	1,355	2,341
Madras .	0	041	***	000	420	34	306		***	***	420	34	300
Berar .	0	400	***	***	***	000	404	100		000	***	***	***
Assam	0	000	04+	494	***	000	100	000	***	000	***	000	100
Raj. & C. 1		***	***	***	243	130	160	***	000	***	243	130	160
Nizam's Terr.		2	0.00	411	82	040	0.00	***	909	***	84	111	4
Mysore	•	***	***	***	***	***	***	***	***	***	440	***	900
TOTAL	•	15,654	19,580	14,064	2,506	760	1,656	9,713	3,227	4,784	27,873	23,567	20,504
By Sea-													
Bengal .		11		30	92	001	20	400	***		33		60
Bombay .		***	940		100	900	900	42	178		42	178	50
Sind .		***	000	***	3,250	1,014	1,530	***	440	001	3,250	1,014	1,530
Madras .		3		5	12	25	35		***		15	25	40
Burma .			000		***	010		***	000	***	000	0.00	***
Non-Br. Ports in In	dia	804	***		***	204	***	3	000		3		000
Foreign countries	•	604	000	1	240	004	***	00.4	***	***	240		4==
TOTAL		14		35	3,524	1,039	1,585	45	178	***	3,583	1,217	€,620
TOTAL OF IMPORTA		15,668	19,580	14,099	6,030	1,799	3,241	9,758	3,405	4,784	31,456	24,784	22,124

J. A. ROBERTSON,
Offg. Director-General of Statistics.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA

HOME DEPARTMENT.

FUTURE POSITION AND PROSPECTS OF CIVIL ASSISTANT SURGEONS.

Nos. 1141-1150.

Extract from the Proceedings of the Government of India, in the Home Department (Medical),—under date Simla, the 22nd August, 1898.

Read-

Letter from the Government of Bengal, No. 773 (Medical), dated 27th February 1895, forwarding, with certain recommendations, the report of a Committee appointed by the Local Government on the pay and prospects of Civil Assistant Surgeons.

Home Department letter No. 671, dated 20th September 1895, replying to the above.

Home Department Circular to Local Governments and Administrations, No. 49-Medical, dated 20th September 1895.

The replies of Local Governments and Administrations to the above-mentioned Circular.

Read also-

Despatch from the Government of India, to the Secretary of State, No. 16, dated 27th January 1898.

Despatch from the Secretary of State, No. 72 (Public), dated 19th May 1898.

RESOLUTION.

The question of improving the position and prospects of Civil Assistant Surgeons has been for some time under the consideration of the Government of India. The constitution of the Medical Services in India did not fall within the scope of the inquiries of the Public Service Commission. The portion of the Civil Medical Service officered by Assistant Surgeons occupies practically the same position in respect of pay as at the time of its first constitution as a regular Government service in 1849. But of recent years the opportunities which are offered to natives of India, educated in Medicine according to European methods, of earning a living by private practice without entering Government service have much increased, and as a consequence members of the service have some reason to be dissatisfied with their prospects. Definite proposals for effecting improvements in the conditions of their service were submitted by the Government of Bengal in the letter of the 27th February 1895, which is cited above. That Government had taken advantage of the existence of a Committee, which had been assembled under its orders to consider questions relating to the pay and prospects of Civil Hospital Assistants, to refer to them the similar questions affecting Civil Assistant Surgeons.

On receipt of the recommendations of the Government of Bengal, the Government of India decided to devise a scheme for the improvement of the class of Civil Assistant Surgeons not only in Bengal, but throughout India.

- a. In the Home Department Circular of the soth September 1895, cited above, the opinion of Local Governments and Administrations was invited upon the proposals which commended themselves to the Governor General in Council as likely to be suitable for adoption throughout India. These were—
 - (a) the abolition of unemployed pay, which is the rate of pay which an Assistant Surgeon receives in certain Provinces while he is supernumerary and without a definite appointment;
 - (b) the creation of a new grade of Civil Assistant Surgeons on a higher rate of pay (Rs. 300 a month); and
 - (c) the reservation of a certain number of civil stations for the medical charge of Civil Assistant Surgeons.

The Government of India observed that under existing orders unemployed pay is given to Assistant Surgeons only when, having no temporary or permanent charges, they are merely attached to hospitals or on similar duty, that the number on unemployed pay would, if the service were carefully recruited, be very small, and that it would be a necessary condition of the abolition of unemployed pay altogether, except as a punishment, that greater care should be exercised in controlling recruitment.

The proposal to create a higher grade on Rs. 300 a month is a modified form of the recommendation made by the Bengal Committee that an increase of Rs. 50 a month should be granted to Civil Assistant Surgeons at the end of 21 years' service, subject to a professional examination, and that those who were in receipt of this allowance should be graded as Senior Assistant Surgeons. While it seemed to the Government of India that the Committee's proposal would in a measure ameliorate the prospects of Assistant Surgeons, they suggested the following scheme as being more likely to increase the attractiveness of the service:—

- (i) that the cadre of Assistant Surgeons should be divided into four grades—on Rs. 100, 150, 200 and 300 a month, respectively;
- (ii) that the pay of Rs. 100 should be drawn continuously from the date of entry into the service;
- (iii) that promotion to the grade of Rs. 150 should be made after seven years' service, subject to the usual examination;
- (iv) that after 14 years' service a second examination should be held for promotion to the grade on Rs. 200, to which only those considered by the Inspector General of Civil Hospitals to be fit for promotion would be admitted;
- (v) that promotion from the grade on Rs. 200 to that on Rs. 300 should be made entirely by selection and without any further examination, but subject to a minimum of 'seven years' service in the lower grade;
- (vi) that further advancement to the independent charge of a civil station should depend on exceptional qualifications and ability. In order to meet as far as practicable the expenditure involved in this proposal without incurring additional expense, the Government of India suggested that it might be necessary to impose a limit on the number of promotions made to the grade on Rs. 200.

The proposal that Assistant Surgeons should be entitled to be appointed to the medical charge of a certain number of stations, if that could be arranged with due regard to the number of Civil Surgeoncies reserved for Commissioned Medical Officers and for Military Assistant Surgeons, commended itself to the Governor General in Council, but His Excellency in Council was of opinion that it would not be advisable, even if it were possible, to specify, as the Bengal Government had proposed, any particular stations as charges to be held by Assistant Surgeons.

- 3. The views of Local Governments and Administrations upon the questions referred to them accorded closely with those of the Government of India, and the Governor General in Council has now much pleasure in announcing the following changes in the conditions of service of Civil Assistant Surgeons, which the respective Local Governments and Administrations may bring into operation at once.
- 4. In future Assistant Surgeons will not be placed on unemployed pay, except as a punishment. This change will not effect Madras, Bombay, Burma or the Central Provinces, where the system of unemployed pay is not in force.

If recruitment is regularly and systematically carried out, the number of candidates who will be supernumeraries without employment in particular charges will be small, but it will be necessary for Local Governments and Administrations to exercise the greatest possible care in framing their periodical estimates for recruits.

- 5. A senior grade of Civil Assistant Surgeons on a salary of Rs. 300 a month is sanctioned. The number of Senior Assistant Surgeons in each Province must not exceed 10 per cent. of the total strength of the service in the Province, but Assistant Surgeons who may be permanently appointed to the charge of civil stations will not be included in this percentage. It is not necessary that all the appointments to the senior grade which can be made under these orders should be made at once. The question whether the full number should be at once worked up to mest be decided at the discretion of the Local Government and the Inspector General of Civil Hospitals in each case, but only thoroughly competent officers should be appointed. Promotion from the first grade on Rs. 200 to the senior grade will be made entirely by selection and without examination. It has been decided not to insist on a limitation of seven years' service to be passed in the Rs. 200 grade before further promotion, since its enforcement would unduly restrict the selection of officers for the senior grade. Promotion from the grades on Rs. 100 and Rs. 150, respectively, will, as hitherto, depend on the results of the examinations passed after a service of not less than seven years in each of those grades. Promotion to the first grade on Rs. 200 will be given to officers of not less than 14 years' service who have passed the second examination. Future entrants into the service will be permitted to appear at the second examination, not as a matter of course, but when they are considered by the Inspector General of Civil Hospitals to be fit for promotion beyond the grade The proposal to meet the cost of the senior grade by restricting the on Rs. 150. number of promotions to the grade on Rs. 200 has been abandoned.
- 6. Although this portion of the scheme will not apply immediately to the Madras Presidency, the Government of India desire the Madras Government to take steps to assimilate the pay and position of Assistant Surgeons in that Presidency to those of other Provinces as soon as practicable. At present this cannot be done, because the creation of the Assistant Surgeon class in that Presidency is of comparatively recent date.

7. In the Bombay Presidency Assistant Surgeons draw pay and allowances

Old scale.

Pay. Allowancs.

Rs. Rs. Rs. Rs.

1st class 200 150 200 50
2nd , 150 150 150 35
3rd , 100 100 100 20

under two scales, as shown in the margin, according as they began their studies for medical diplomas before or after September 1876. The officers on the two scales require separate treatment. The Government of Bombay have proposed to create

for the officers at present in the first class of the new scale four appointments on Rs. 350 (Rs. 300 pay and Rs. 50 allowance), the appointments being kept vacant until the Assistant Surgeons specially selected for them have rendered at least 21 years of approved service. For the officers under the old scale no increase in emoluments is necessary, but it is proposed to improve their pensionary prospects by converting four appointments on Rs. 200 pay plus Rs. 150 allowance into four appointments on Rs. 300 pay plus Rs. 50 allowance. These proposals are sanctioned with the approval of the Secretary of State. The Government of India desire, however, that, as soon as practicable, with due consideration of the expectations of those already in the service, the Assistant Surgeons in the Bombay Presidency may be placed on the same footing as those elsewhere.

8. At present there are, including one officer in Madras and two in the Punjab, who have been promoted to be Uncovenanted Medical Officers, only five Assistant Surgeons who have been placed in permanent charges of civil stations. In reply

Madras 5
Bombay 2
Bengal 5
North-West Provinces and Oudh 2
Punjab 3
Burma ... 2

to the reference made in the Circular of 20th September 1895 the Local Governments have expressed their willingness to reserve 19 Civil Surgeoncies, distributed as shown in the margin, to be filled by Civil Assistant Surgeons. For the present the Government of India sanction the reservation of this number of Civil Surgeoncies for Assistant

Surgeons, leaving it to the Local Governments to appoint them to such stations as may be considered suitable. The Government of India are in correspondence with Local Governments with the object of increasing the number of Civil Surgeoncies to be thrown open to Civil Assistant Surgeons to 28, and trust that it will be found possible to raise them to this figure. When posted permanently to the independent charge of a civil station, an Assistant Surgeon will receive a consolidated salary of Rs. 350—30—500 a month. When in temporary charge, he will draw acting allowances on the minimum pay (Rs. 350) fixed for an officer holding permanent charge.

9. The introduction of the new arrangements is subject to the express condition that Municipal and Local Funds shall pay, in full measure, for the services of the Government Assistant Surgeons who are attached to Municipal and Local Fund Hospitals. The contributions payable to Government by those local bodies for the cost of the services of an Assistant Surgeon must therefore be raised in the Provinces where such contributions are calculated with reference to the pay only, and do not include consideration of leave allowances and pensions.

ORDER.—Ordered, that a copy of this Resolution be forwarded to all Local Governments and Administrations (except Coorg and Hyderabad) for information and guidance and to the Department of Finance and Commerce for information.

Ordered also, that the Resolution be published in the Supplement to the Gasette of India.

[True Extract.]

J. P. HEWETT,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, August 20th, 1898.

The principal feature in the weather during the week under review has been the general lightness of the rainfall all over the north-western, central and southern parts of the Indian region. During the greater part of the week there has been a low pressure area over North-East India, and general rain has fallen over Burma, Assam, Bengal and the east of the North-West Provinces. This low pressure area has interrupted the flow of south-east winds from the Bay into Upper India, so that the west of the North-West Provinces, the Punjab, Sind and Rajputana have received no rain. At the same time the Arabian Sea branch of the monsoon has been both light in force and practically rainless, so that the Peninsula and the central parts of the country, which depend for their rainfall on the Bombay monsoon, have received exceedingly little rain. On Thursday a slight change commenced, the rainfall becoming, heavier over the Central Provinces. This rainfall continued until the close of the week, but did not spread beyond the central districts. As a result of this distribution of rain, the mean temperature of the week was less than usual over Burma, Assam, Bengal and the Central Provinces, but was higher than usual in all other parts of the Indian region—more particularly in the north-west where the failure of the rainfall was most marked. The following stations received absolutely no rain throughout the week: Roorkee, Delhi, Sirsa, Ludhiana, Lahore, Montgomery, Sialkot, Rawalpindi, Khushab, Peshawar, Dera Ismail Khan, Mooltan, Murree, Ahmednagar, Bhuj, Deesa, Kurrachee, Hyderabad, Jacobabad, Mount Abu, Bickaneer, Jodhpur, Ajmere, Sambhar, Kotah, Coimbatore and Tinnevelly.

Daily Summary.—Sunday, August 14th.—The barometer had risen at the great majority of stations, but the changes were generally slight. Pressure was highest and above the normal in Malabar, lowest and below the normal in the Punjab, so that the baric gradients were steeper than usual. At the same time a small depression was shown over Central Bengal. The winds were westerly over the greater part of the country, but were variable over the Punjab, feebly cyclonic over Bengal and southerly in Burma. The mean temperature was lower than usual over part of Burma, Lower and West Bengal, the east of the North-West Provinces and the Central Provinces. Elsewhere the temperature had been higher than usual. General rain had fallen over Burma, Assam and Bengal, and showers had been received over the east of the North-West Provinces and the west coast districts, but elsewhere there had been no rain of importance.

Monday, August 151k.—The pressure changes had been slight and the general conditions were unchanged, except that the depression noticed over Central Bengal had travelled west-north-westward to South Bihar. The winds were unaltered, except that the centre of the cyclonic circulation had been transferred to Bihar, which had introduced some changes over Bengal. The mean temperature was lower than usual over Central and Upper Burma, Assam, Bengal and the east of the North-West and Central Provinces. Elsewhere the heat was generally excessive. Rain continued to fall generally over Burma and North-East India, and showers were reported from the North-West Himalayas and parts of the Peninsula and of the Central Provinces.

Tuesday, August 16th.—Pressure had given way slightly to briskly over Burma, the Peninsula and the Central Provinces and had increased slightly to briskly over Northern India. The Bihar depression had continued to move west-north-westward and lay over the east of the North-West Provinces, while the pressure difference between Malabar and the Punjab had decreased. These were the only changes in pressure conditions while the winds were generally similar to those reported on the 15th. The distribution of temperature relatively to the normal was the same as on the preceding day. The principal variations from the normal were +8.9° at Rawalpindi, -6.2° at Benares and +4.2° at Trichinopoly. Rain still fell generally over Burma and North-East India, and showers had again been received at the west coast stations, but elsewhere there had been practically no rain.

Wednesday, August 17th.—The barometric changes had been slight, but not without importance. The depression noticed over the east of the North-West Provinces had filled up, while the trough of low pressure, which is characteristic of the pressure distribution during the rains, was appearing over the Gangetic Plain. The winds were easterly over Bengal and the east of the North-West Provinces, southerly in Burma, variable in the Punjab and generally westerly elsewhere. The mean temperature was lower than usual over parts of Burma, of Madras and of the North-West and Central Provinces, but elsewhere the heat remained excessive. The rainfall was the same as on the 16th, except that the showers were more general over the central districts.

Thursday, August 18th.—Pressure had increased almost everywhere, but especially over North-Eastern and Northern India. The pressure differences had become slighter, but the general distribution of pressure was unaltered. The winds were south-easterly and casterly in Northern India and were north-westerly to westerly in most other places. The mean temperature was low over the west of the North-West Provinces, over the Central Provinces and over parts of Burma and of Madras. The heat was excessive elsewhere—more particularly in parts of the Punjab and of Madras. The rain had become heavier over the Central Provinces, and general showers continued over Burma and North-East India, but elsewhere the weather had been practically rainless.

Friday, August 19th.—The barometer had fallen briskly over part of the North-West Provinces and of the Punjab, but elsewhere the changes had been slight. A shallow depression had appeared over the Gangetic Plain, and the easterly wind over Northern India was hence much interrupted, but otherwise there had been no change of importance. The mean temperature was low across the head of the Peninsula, but elsewhere the heat was excessive. The central districts had again received fairly heavy rain, but in other places the weather was fine to showery.

Saturday, August 20th.—The barometer had fallen briskly to rapidly in the extreme north-west of India and in Burma, while elsewhere the changes had been slight or small. A depression was appearing over Upper Burma, but this was the only change of importance. Easterly winds continued to blow as far as Cawnpore in Northern India, and southerly winds continued to be reported from Burma, but elsewhere westerly to variable winds were reported. Overcast rainy weather prevailed over Burma and fair rain continued over the central parts of the country, but elsewhere little or no rain was received.

Temperature.—The variations of the mean temperature from the normal in the different provinces have agreed closely with the distribution of the rainfall. In Burma rain was received daily and the heat was generally slightly below the normal; in Bengal rain was general until the 17th, so that the mean temperature was below the normal in the first and above the normal in the second half of the week. In the Central Provinces rain fell daily, but more heavily at the close than at the commencement of the week, so that, while the mean temperature was low throughout, the deficiency was much greater at the close than at the commencement of the week. In the remaining parts of the country the rainfall was throughout light, and as a result the temperature was excessive.

The following table gives temperature data for the week under review:

Province.			Α	u gust 18	98.			Mean
PROVINGS.	14th	15th	16th	17th	18th	191h	20th	of week.
	0	0	.0	0	0	0	0	0
Burma	+0.1	-0.1	-0.3	-0.7	-0'7	+0.8	-0.6	-0.5
Bengal and Assam	-1.6	-1.7	-1.1	+0.4	+0.1	+0.3	+0.3	-0:
North-Western Provinces and Oudh.	+0.3	+0.0	0	+ 0.4	+0'4	+3.7	+3.3	+1'
Punjab?	+3.8	+3.9	+3'4	+4'5	+5.0	+5'4	+6.3	+4"
Bombay	+1.0	+0.2	+0.2	+0.4	+1.0	+1.0	+1'4	+0
Central Provinces and Berar	-1.5	-0.6	1.3	-0.1	-3.4	-3.4	-2.3	-r.
Central India and Gujarat .	+0.4	+0.8	+0.1	+ 0.5	+0.8	+1.3	+1.1	0.
Sind and Rajputana	+1.8	+1.4	+0.7	+1.0	+ 2.0	+3.4	+4.2	+ 31
Madras	+3.3	+ 2.3	+ 2.1	+ 1.3	+ 2.2	+1'3	+0.4	+1.
Mean for whole of India .	+0.0	+0.8	+0'5	+1'0	+0.0	+1.4	+1.2	+10

The mean temperature of the whole country exceeded the normal on each day, and for the whole week showed an excess of 1°.

The provincial variations show that the temperature was below the normal in the Central Provinces, about normal in Burma, Bengal, Assam, Bombay, Gujarat and Central India and above the normal in the remaining provinces.

Rain.—The rainfall during the week under review has been light over a large part of the country, but it is only in the extreme north-west that it has failed altogether. In Burma and some districts in Bengal, the North-West Provinces, the Central Provinces and Ganjam the rainfall during the week was more or less excessive. This heavy rainfall was due in the case of Bengal, the North-West Provinces and Ganjam, to a slight cyclonic storm which lay over those regions between the 14th and 16th and gave daily heavy rain. On the 17th the storm was filling up and the rainfall was decreasing. On the 19th another depression was shown over the west of Bengal and the east of the North-West Provinces, but this storm was slighter than the preceding, and though the weather was showery up to the close of the week, the amounts were not heavy. In Burma the heavy rain was due in part to a steady flow of air from the Bay across the Burma coasts and in part to a storm which appeared over Upper Burma on the last day of the week, giving fairly heavy rain to the central and upper districts. Except in North-East India and in Burma, nothing more than showery weather was experienced, though in the Central Provinces on the 18th, 19th and 20th and in parts of Madras on the 19th these showers were more or less heavy. In some districts of North-West India and in some of Madras, the rain, as mentioned above, failed altogether, the stations which received absolutely no rain throughout the week being given in the first paragraph of the summary. The table at the close shows that rain was received during the week in all the rainfall divisions, except the South-East, South and West Punjab, Sind, Baluchistan and Western Rajputana, but in the west of the North-West Provinces, the Central and Submontane Punjab, Kathiawar, Eastern Rajputana and the west of Central India the average actual rainfall was less than onetenth of an inch, so that there are altogether eleven divisions which received actually or practically no rain. In all other parts of India effective rain was received, the amounts ranging from 16'10 inches in Tenasserim and 12'62 inches in Arakan, to 0'11 inch in the North Punjab and 0'16 inch in the south of Hyderabad. The third column of the table shows that nineteen of the rainfall divisions received more rain than usual. These divisions included all the Burma divisions, the Assam Valley, Central Bengal, Orissa, South Bihar, the east and east submontane divisions of the North-West Provinces, both the Oudh

divisions, all the Central Provinces divisions and the northern and southern divisions of the East Coast. The principal cases of excess were 7.99 inches in Tenasserim, 5.94 inches in Arakan and 2.50 inches in North Oudh. In all other parts of India the rainfall was lighter than usual, the principal cases of deficiency being 4.11 inches in Coorg, 3.61 inches in the Konkan, 3.37 inches in the Assam Hills, 2.66 inches in Malabar and over 1 inch in North Bengal, the west and west submontane divisions of the North-West Provinces, the southeast, central, submontane and hills divisions of the Punjab, the Bombay Deccan, Khandesh, Gujarat, the east of Rajputana and west of Central India and the south of Hyderabad.

The three concluding columns of the table show the state of the monsoon rainfall up to date. Excessive rain is reported from six divisions, vis., the east and east submontane divisions of the North-West Provinces, both the Otdh divisions, the North Punjab and the north of the East Coast; deficient rain is reported from sixteen divisions, vis., Upper Burma, the Surma and hills divisions of Assam, the west of the North-West Provinces, the south-east and west divisions of the Punjab, South-Central Madras, Coorg, Mysore, Kathiawar, Baluchistan, Rajputana and the west of Central India, Central Madras, the south of the East Coast and the south of Madras. In the remaining divisions the seasonal rainfall has been about normal.

In the case of the following stations given in the Daily Weather Report there has been no rain received throughout August up to the present date, vis., Ludhiana, Lahore, Montgomery, Khushab, Dera Ismail Khan, Mooltan, Kurrachee, Hyderabad (Sind), Jacobabad, Jodhpur, Coimbatore and Tinnevelly.

The following are the principal totals recorded during the week:

Burma	4 '8'		٠	Belin, Thaton			20'40	inches.
				Minbya, Akyab .			14.72	22
Assam		٠		Pattidarrang, Kamrup			9.03	2)
Bengal				Chittagong			6.95	
				Pakour, Sonthal Pargu	innas		7.43	11
				Kurseong, Darjeeling		4	9.25	32
Bihar .	•			Monghyr			6.00	200
NW. P. and	Oud	h		Gonda			8.71	2)
				Puranpur, Pilibhit .	0		9'55	33
Punjab				Kangra			9'92	23
West Coast				Karkal, Mangalore .			5'60	53
				Mangaon, Colaba .			5'40	39
Deccan				Bavda, Kolhapur .			5'98	
Central Provi	nces			Seoni, Hoshangabad			8.10	23
Gujarat				Dohad, Godhra .			4.08	23
Central India				Sutna		10	4'37	33
Madras .				Narasanapet, Ganjam		•	4.88	29
			Ť	Masulipatam				23
				Kellapalur, Trichinopol		٠	4.73	29
				Tremupatur, Triemmopor	у .		4.76	33

		RAINFA	AUGUST SOTH,	VERE ENDING	RAINFALL	DATA FROM M	AY 99TH TO 98.
PROVINCE,	DIVISION,	Average actual rainfall of division,	Average normal rainfall of division.	Excess or defect in inches,	Average actual raintail of season to date.	Average nor- mal rainfall, May 2,2h to August 20th,	Excess or de- fect of (sea- social) rain- fall expressed as a per- centage,
		Inches.	Inches.	Inches.	Inches.		
	I. Tenasserim	16.10	8.11	+ 7'99	I 17'04	Inches.	Per cent.
BURMA	2. Lower Burma Deltaic 3. Central do.	4°51 4°03	4.08 5.85	+ 0.43	65'70	57'43 36'62	+ 14
	4. Upper do. 5. Arakan	3'55 12'62	6.68	+ 1°35 + 5°94	16.78	27:32	- 39 + 11
	6. Eastern Bengal				43 49	9	7 11
BENGAL AND ASSAM	7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	4'00 4'89 3'73 3'24 2'78 3'09 1'89 4'87 2'84 1'94 2'51 2'01	4'35 5'52 7'10 3'04 2'97 2'06 3'81 5'61 2'68 2'76 2'28	- 0°35 - 0°63 - 3°37 + 0°20 - 0°19 + 0°43 - 1°92 - 0°74 + 0°16 - 0°82 + 0°23 - 0°41	51.72 48.63 64.40 40.11 31.48 33.93 48.24 74.67 27.80 35.91 20.50 26.42	52'33 65'86 84'04 41'05 31'64 30'90 54'57 83'12 29'11 30'54 25'15 28'60	- 1 - 26 - 23 - 2 - 1 + 7 - 12 - 10 - 5 + 18 + 17 - 8
NORTH-WESTERN PROVINCES AND OUDH.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	3'47 2'01 4'53 1'78 0'01 3'24 1'16	2'21 1'92 2'03 2'12 1'67 2'19 2'36 2'26	+ 1°26 + 0°09 + 2°50 - 0°34 - 1°66 + 1°05 - 1°20 - 0°70	• 32.45 28.43 36.07 23.82 12.60 33.92 23.85 31.10	22.62 21.32 23.24 20.67 15.80 24.58 2(.70 27.95	+ 43 + 33 + 55 + 15 - 20 + 38 - 11 + 11
	26. South-East Punjab	0	1'31	- 1'31	10'10	13:90	- 27
PUNJAB	28. Central do. 29. Punjab Submontane 30. Do. Hills 31. North Punjab 32. West do.	0 0'02 0'06 2'22 0'II	0'79 1'03 1'62 3'57 1'01 0'42	- 0.79 - 1.01 - 1.56 - 1.35 - 0.90 - 0.42	7'48 9'11 15'09 37'54 10'30 3'48	9°16 9°88 16°63 41°67 8°42 4°40	- 18 - 8 - 9 - 10 + 22 - 21
	33. Malabar	1.36	4.03	- 2.66	71'51	79:78	~ 10
BOMBAY AND MALABAR COAST DISTRICTS (MADRAS).	34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Decean 39. Hyderabad North 40. Khandesh	0'73 1'77 0'34 2'70 0'34	5.88 1.31 6.31 1.36	- 0'39 - 4'11 - 0'97 - 3'61 - 1'02	8.79 61.57 10.63 92.30 19.57	14.87 85.24 16.33 87.12 16.45	- 41 28 35 + 6 + 19
Central Provinces	41 Berar	0.88	1'49	- 0.61	12'40	12.85	- 4 - 10
AND BERAR.	42. Central Provinces West 43. Do. do. Central 44. Do. do. East	2.34 5.84 5.84	2.10 5.10	+ 0'41 + 0'18 + 0'08	25.85 37.75 34.20	23'39 25'25 34'78 32'12	- 19 + 2 + 9 + 7
BONBAY (NORTH)	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	0'01	2'47 0'78 0'47 0'32	- 1'02 - 0'77 - 0'47 - 0'32	31'24 8'48 3'56 0'52	30'88 14'18 4'05	+. 1 - 40 - 12 - 72
RAJPUTANA AND CEN-	49. Central India East 50. Rajputana East, Central India West.	0.01	1.85	- 0.04 - 0.04	24'78 13'23	1'95 25'46 18'56	- 73 - 3 - 29
	51. West Rajputana	0	0.60	- o.60	4'97	7'99	- 38
Madras	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	1'91 4'40 0'16 0'37 0'67 1'36	1'55 3'32 1'33 1'31 1'12 1'07	+ 0°36 + 1°08 - 1°17 - 0°94 - 0°45 + 0°29 - 0°06	19'18 23'80 14'99 6'21 9'18 6'48 2'04	15'06 35 77 13'44 9'30 9'29 8'49 3'43	+ 27 - 33 + 12 - 33 - 1 - 21 - 41
*					L. DAL		-

SIMLA, 25th August, 1898.

W. L. DALLAS,
Asst. Meteorological Reporter to the
Government of India.

T. W. HOLDERNESS,
Secretary to the Government of India.

are much improved on account of rain during the week. The state of the crops is generally reported fair to good. The price of paddy has risen slightly in Thatôn; elsewhere it is stationary.

Assam.—For week ending 23rd August.—The weather is hot. More rain is wanted in all plains' districts, except Kamrup and Lakhimpur.' The reaping of early and transplanting of late rice are in progress. Prospects of early rice are fair. Cutting of jute has commenced in Goalpara and prospects are good. The condition of sugarcane and prospects of tea are generally good. Prices—common rice—Silchar 10½ to 10½; Sylhet, Sibsagar, and Dibrugarh 10; Dhubri 14; Gauhati 11; Tezpur 9; and Nowgong 8 seers per rupee.

Mysore and Coorg.—For week ending 24th August.—Mysore: Rainfall 55 cents in the Civil and Military Station and slight rain in parts. Rain is much needed in the Province. The crops are withering in Kolar and Mysore. Prices have risen in Kolar, Tumkur, and Mysore. Ragi (Eleusine coracana) has been sown in Bangalore and Chitaldrug.

COORG: Rainfall one inch 48 cents. Rain is wanted badly in parts. Transplanting of rice continues. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 24th August.—BERAR: The weather is getting cool and seasonable rain has fallen during the week. The monsoon crops are in excellent condition and weeding operations are in progress. The fodder and water-supply is adequate. Land is being prepared for the next winter crops. Prices are almost stationary.

HYDERABAD: Rainfall during the week 32 cents. The standing autumn crops are in good condition. Rice sowing continues in parts. More rain is wanted in parts of Gulburgah division and in three talukas of Nalgundah district. The report from Lingsagar district is more favourable. Prices of grain are stationary.

Central India.—For week ending 24th August.—Good rain has fallen throughout Central India during the week, but more is still required in the northern portion of the Malwa Agency. Agricultural operations are in progress. Crops have been slightly damaged in parts of Baghelkhand by excessive rain and in Malwa by want of rain. Agricultural stock and pasturage are in fair condition in Malwa and good elsewhere. Prices of food-grains are steady.

Rajputana.—For week ending 24th August.—Rainfall—one to two inches rain has fallen in Meywar, Jhallawar, Kotah, Tonk, Ulwar, and Deoli; and about half-an-inch in Kherwara, Pertabgarh, Bundi, and Jeypore, which has improved the state of crops to some extent. A few cents also fell in Abu, Ajmere, and Dholepore. Rain is badly wanted in most parts. Some crops have been much injured in Haraoti and slightly in Ajmere-Merwara. Prospects generally are not favourable at present, though early and sufficient rain would much improve the out-look. Locusts have slightly damaged crops in Ulwar. Cattle is in fair condition generally. Green grass is scarce or withering in Marwar, Meywar, Haraoti, and in parts of Kotah, Ajmere, and Jaisalmere Pergana. Prices are rising in eight States; falling in one; and are steady elsewhere.

Kashmir.—For week ending 23rd August.—The weather is fine. Spring crop reapings have been finished. The standing autumn crops are in good condition. Prices continue below normal. Rice—24 seers per rupee.

JAMMU. PROVINCE.—For week ending 24th August.—No rain during the week. Prices are generally rising; wheat is 14½ seers and maize 20 seers per rupee. Sowing of autumn crops is nearly over. The condition of the standing crops is unfavourable. Fodder is scanty.

Nepal.—For week ending 20th August.—Rainfall 3:40 inches. The weather is seasonable. The Indian-corn crop is being gathered. Rice—8 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

					Po	RECEDING WEI	ek.	P	RESENT WEEK	ξ,	Increase
Name	OF PR	ONINC	E.		Relief works.	Gratuitous relief.	Total.	Relief works.	Gratuitous relief.	TOTAL.	or decrease.
Madras Bombay		•		٠	496 16,2 46	28 5,341	524 21,587	365 15,679	5,158	3 ⁸ 9 20 ,837	- 135 - 750
	Ton	ΓAL			16,742	5,369	22,111	16,044	5,182	21,226	- 885

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

No. 15-60-2.

Extract from the Proceedings of the Government of India in the Department of Revenue and Agriculture (Geology and Minerals),—dated Simla, the 25th August, 1898.

Read-

General Report of the Geological Survey and of the Geological Museum, Calcutta, for the fifteen months ending the 31st March 1898.

RESOLUTION.

The work on which the officers of the Department were employed during the year under review is shown in the following statement:

Name	of officer.		Locality where employed.		Character of work.	Whether main object scientific or practical.
Mr. R. D. Old	ham	***	Head-Quarters	•••	Administrative	***
Ditto	• • •	***	Assam		Earthquake enquiry	Scientific.
Mr. La Touche		***	Western Rajputana		Geological survey	Ditto.
Ditto	4,0 1	nda	Assam	0-04	Earthquake enquiry	Ditto.
Ditto	***		Head-Quarters		*****	*****
Mr. C. S. Midd	llemiss	***	Madras	***	Geological survey examination of gold bearing reefs and special investigations of corundum bearing rock	1
Mr. Bose	6 0 a	***	Eastern Bengal		Earthquake enquiry	Scientific.
Ditto	***	•••	Central Provinces		Geological survey	Ditto.
Mr. Holland		***	Madras		Ditto	Scientific and practical.
Ditto	004	***	Coorg		Ditto	Scientific.
Mr. Datta			Head-Quarters		004.	*****
Mr. Smith	0.00		Assam		Earthquake enquiry	Ditto.
Ditto	***	0.00	Central Provinces	•••	Geological survey	Ditto.
Mr. Hayden	***	***	Head-Quarters	•••	In charge of Museum and Lecturer on Geo- logy, Presidency Col lege.	
Ditto		***	Assam	•••	Earthquake enquiry	Scientific.
Ditto		•••	North-Western From	ntier	Geological survey	Ditto.
Mr. Vredenbur	g	•••	Rewah		Ditto	Ditto.
Ditto	***	***	Assam		Earthquake enquiry	Ditto.
Ditto	***	***	Bhopal		Geological survey	Ditto.
Mr. Grimes	***		Burma	000	Ditto	Scientific and practical.
Ditto	***	***	Assam	**1	Earthquake enquiry	
Mr. Walker	444	•==	Coorg	900	Geological survey	9¥ 10

2. Good progress was made during the year in survey work. It was anticipated that the survey of the Salem and Coimbatore districts in the Madras Presidency, which has been going on since December 1893, would be finished during the year; but owing to the importance of the work another season will be necessary for its completion. A detailed report on the investigation by Messrs. Middlemiss and Holland will shortly be issued.

The survey of the eastern part of the Terupatur taluq and the Javadi hills was continued by Mr. Middlemiss with interesting results. The preliminary investigation of the corundum bearing rock near Palakod has been closed, and a report on the results will be published in due course. Samples of the mineral have been sent to the Imperial Institute and commercial firms for valuation and report.

In the Bombay Presidency the alluvial areas north and north-east of Ahmedabad in the Gujarat Province up to the borders of the Mahikantha States were reconnoitred by Lala Kishan Singh, but the results have not yet been published.

In Western Rajputana and South-Eastern Marwar Mr. LaTouche was engaged during the seasons 1896 and 1897 on a detailed survey of the country between Jodhpur and the higher hills south of the Luni river with the main object of discovering if possible the relations between the Malani volanic series and the Aravalli rocks, and a full report has been submitted.

In Rewah, Central India, the survey work initiated by Mr. Oldham during the previous season was continued by Mr. Vredenburg with results of local interest only, and may be considered as practically finished for the time being.

Work was also carried on by Mr. Vredenburg in Bhopal and Gwalior at the beginning of the last cold season.

A large portion of the Central Provinces remains practically unsurveyed. During the year a small area of the Mandla district was surveyed by Mr. P. N. Bose, and Mr. Smith was engaged in surveying parts of the Sambalpur district, Savangarh and Phuljhar with small portions of Bilaspur, Borasamar and Sonpur. The area had been traversed in former years by Dr. V. Ball and others, but no connected survey of it had been made. Previous suppositions as to the existence of valuable ore were not borne out by the present investigation.

In Burma Mr. Grimes was engaged on the survey of parts of the districts of Magwe, Myingyan and Pokoku in Upper Burma. The area comprising the Yenangyoung and Yenangyat oil-fields was treated in detail and a considerable area to the east of this tract was explored. The most important economic results of the survey have been the mapping of the extension of the Yenangyat oil-field, and the discovery of what are likely to be two new oil-fields on the same anticline. The probable extent of the area over which petroleum may reasonably be expected has been, more or less, accurately determined.

Surveys and other miscellaneous work were also carried out by Mr. Grimes in Akyab, the Kabwet coal-fields and parts of the Mandalay and Sagaing districts. His untimely death from cholera in April last has deprived the Geological Survey of a zealous and able officer.

The permission accorded to Mr. Hayden to accompany the Tirah Expeditionary Force enabled some addition to be made to existing knowledge of the

geological structure of portions of the North-Western Frontier. The information gained was necessarily somewhat speculative in character, but tends to confirm previous suppositions.

- 3. Among the most interesting and important investigations of the year were those connected with the great earthquake of the 12th June 1897. Every effort was made by the Department to give effect to the desire expressed by Government for a full enquiry into the origin and effects of the disturbance and all available officers were promptly deputed for the purpose to various parts of Assam and Bengal. In addition to two short trips in August and October into the affected country, Mr. Oldham during the last field season traversed parts of the Garo and Khasia Hills, to which all indications pointed as the centre of disturbance, with a view to the determination if possible of the probable causes of the earthquake. He has been entrusted with the preparation of the complete report on the subject which will be published in the Memoirs of the Department.
- 4. In the Museum useful work has been done by Dr. Noetling, the Palæontologist in the determination and description of the large collection of Burman fossils in the Museum. The results of the examination are of much interest and a description of the fossils will be published.
- 5. Other work accomplished in the Museum has been the re-arrangement of certain rock specimens and of the collection of type fossils. Numerous additions have been made to the collection of economic specimens, and assay work in the laboratory has been carried on as usual.
- 6. During the period under review certain changes in the publications of the Department have been sanctioned: (1) the annual report will in future relate to the financial year instead of the calendar year, and the report under review as the first of the new series, embraces the period from 1st January 1897 to 1st April 1898; (2) the Palæontologia Indica, which is at present arranged into series, will in future be published in parts, grouped in consecutive volumes; (3) the publication of the "Records" has been discontinued and in future all papers which would have found a place in them will be included in the "Memoirs."
- 7. Arrangements have also been made for the issue of a revised edition of the third volume of the Manual of Geology of India prepared by the late Dr. V. Ball in 1881. It will be published in parts, each dealing with a specific mineral or group of minerals selected with regard to their economic interest and the advance of geological knowledge since 1881 in each case. The first part which deals with corundum and its gem forms, ruby and sapphire, has been prepared by Mr. Holland and published.
- 8. The Governor General in Council is pleased to express his satisfaction with the manner in which the work of the Department has been conducted during the year under review.

ORDER.—Ordered that a copy of the foregoing resolution be forwarded to the Director, Geological Survey of India, and to Local Governments and Administrations, and that it be published in the Supplement to the Gasette of India.

[True Extract.]

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Norz.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and ther Summary in the Gasette of India.

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons nitously relieved in poor-houses or at their homes.

	Name of Province and		HE WEEK 30TH JUL		FOR THE 67	HE WEEK	ENDING ST 1898.	FOR THE	HE WEEK	ENDING ST 1898.		RE WEEK	
0.	District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous • relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
1	Madras. Nellore	665	28	693	667	40	707	544	29	573	496	28	524
	TOTAL MADRAS .	665	28	693	667	40	707	544	29	573	496	28	524
	Bombay.				81					,			
	Sholapur	14,557	4,834	19,391	13,896	4,997	18,893	13,914	5-435	19,349	14,074	5,341	19,415
	Poona	2,454	005	2,454	2,273	•••	2,273	2,351		2,351	2,172	000	2,172
	Total Bombay .	17,011	4,834	21,845	16,169	4,997	21,166	16,265	5,435	21,700	16,246	5,341	21,587
	GRAND TOTAL FOR ALL PROVINCES.	17,676	4,862	22,538	16,836	5,937	21,873	16,809	5,464	22,273	16,742	5,369	22,111

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, ally show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

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Dated 26th August, 1898.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN BAILWAYS FROM 1ST JULY TO 14T AUGUST 1897, AND FROM 1ST JULY TO 13TH AUGUST 1898.

N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

	Average earnings per mile	A T	ENDING 1			ENDING 1 GUST 1898.		Earnings	Earnings '		
BAILWAY.	per week		Earning	78.		Earnin	gu.	from 1st	from lat	Increase.	D
DALLIWAY.	the 2nd- half of 1897.	Mean mileage worked.	TOTAL.	Per mile open.	Mean mileago worked.	TOTAL.	Per mile open.		13th August 1898.		Decrea
State Lines worked by companies.	Rs.	Miles.	Rs.	Rs.	Miles.	Ra.	Re.	Ru.	Re.	Rs.	Re.
East Indian	629	1,737	10,37,907 20,807	598 166	1,740	9,03,000	519 114	66,10,756 1,08,348	64,94,000 1,02,000	444	1,16,7
Bengal Central Bengal-Nagpur	210 116	125 862	80,940	94	125 962	73,000	76	5,63,261	5,00,000	?	63.2
Indian Midland (including Bhopal-Itursi) Bezwada Extn. (East Coast State).	145 150	752 21	1,02,411 4,254	186 203	800 21	73,800 2,800	92 133	7,09,374	5,52,000 18;400	***	1,57,3
Madras-Ennur sec. (Bezwada-Mad.) .	133	9	969	108	9	700	78	6,837	4,900	***	1,8
Rajputana-Malwa (inoldg. GRNágdá). Pálanpur-Deosa	196 41	· 1,815	3,54,589	195 25	1,815	3,19,000 600	176 35	21,28,074	21,20,000	438	8,07
South Indian	168	1,042	1,66,386	160	1,042	1,58.000 4,300	147	11,07,170	9,91,000	***	1,16,1
Mayavaram-Mutupet Southern Mahratta (including Guntakal-	95	54	4,671		54			33,905	29,200	***	4,76
Mysore Frontier section) Mysore section (Southern Mahratta)	110 127	1,165 296	1,50,672 42,462	129 143	1,165 296	1,03,000 25,400	88	10,28,292 2,66,893	6,76,000 1,67,000	***	3,52,3
Bengal and North-Western (including Tirhoot section)	126	815	1,06,011	130	873	1,19,000	136	6,71,764	7,83,000	1.11.236	
Lucknow-Bareilly	67	200 238	10,898 10,825	54 45	200 298	13.200 22,400	60 76	69,861 62,725	88,700 1,46,000	18,889 83,275	344
Burma	153	888	1,13,611	128	936	1,24,000	132	7.72,231	8,73,000	1,00,709	6+1 bes
Btate Lines worked by the State.	229	10,036	22,07,837	220	10,348	19,51,500	189	1,41,65,198	1,95,48,700	•••	6,16,4
Standard gauge— Nonth Western (a)	243	2,885	6,37,422	221	2,885	4,97,000	172	37,52,025	: 37,65,000	12,975	
Oudh and Robilkhand (including the metre gauge link)			1,31,741	154		1,28,000	126	8,66,222	10,11,000	1,44,778	Spr.
Eastern Bengal (incldg. metre & 2' 6")	177 411	875 817	2,51,429	308	1,013	2,33,000	285	13,85,264	13,87,000	1,42,775	48,91
Special gauges-	104	538	55,611	103	538	40,100	75	8,71,198	2,65,000	***	1,00,10
Jorhat Cherra-Companyganj	67	25	2,034	81	25	1,700 (b)	68	12,130	12,500 (b)	370	d ta
Lines worked by guaranteed cos.	243	5,140	10,81,210	210	5,279	8,99,800	170	63,86,889	68,90,500	3,661	200
Standard gauge- Great Indian Poninsula (c)			. =2						00 54 000		
Bombay, Baroda and Central India .	328 507	1,491 461	4,72,252 1,97,488	317 426	1,491	3,93,000	264 419	28,28,412 14,58,267	26,74,000 13,68,000	***	1,53,43
Madras	260	2,792	2,09.647 8,79,387	250 815	810 2,792	2,25,000 8,11,000	268	14,60,964 57.47,643	13,74,000 54,16,000	***	86.80 3.31,4
TOTAL (GUARANTERD AND STATE) .	250	17,968	41,68,464	232	18,419	36,62,300	199	2,62,99,680	2,53,55,200	***	9.41.6
Assisted companies.						-			AND DESCRIPTION OF THE PARTY OF		
Delhi-Umballa-Kalka Tarkessur	212 232	160 22	29,579 5,289	185 240	162 22	20,100 4,000	124 182	1,72,008 34,688	1,40,000 31,400	400	32 00 3.49
Southern Punjab (Delhi-Samasata) Metre gauge—	35		***		400	24,300	61	***	1,74,000	1,74,000	ats
Rohilkhand and Kumaon (Co.'s sec.) Bengal Dooars	126 184	66 86	5,938 7,296	90 203	66	7,200 8,000	109 222	43,346 35,480	49,200 36,800	5,854 1,320	141
Dibru-Sadiya Ahmedabad-Parantij	105	78	15,984	205	36 78	17,100	219	93,567	1,09,000	15,433	600 000 000
Special gauges—	44	41	1,665	41	55	1,800	33	12,942	14,100	1,158	
Darjeeling-Himalayan Barai	300	51 21	15,773 1.560	309 74	51. 21	14,000	275 76	98,526 11,081	87,000 7,500		11.53
Lines owned by native states and	156	475	88,084	175	168	98,100	110	5,01,638	6,49,000	1,47,362	-
worked by other agencies.											
Stondard gauge — Bina-Goona	21	74	1,193	16	74	2,000 7,300	27	7,864	11,000	3,136	60
Bhopal-Ujjain	0.00	114 35	4,231 1,142	37	114	7,300 1,700	64	30,205 8,495	50,700 11,300	20,495 2,805	996 336
The Nisam's gnaranteed state The Gackwar's Petlad	213	334	76,111 1,200	228 92	394	67,800 900	203	4,29,257	4,07,000	***	22.5
Rajpura-Bhatinda	106	108	11,779	109	13 108	9,500	88	6,561 65,887	72,200	6,313	ar-
Metre auuae-	423	10	3,085	303	10	3,900	390	24,198	26,500	2 7	
Yesvantpur-Mysore Frontier section (in- cluding Mysore Nanjangud).	93	66	9,206	139	66	4,200	64	48.642	27,300		21,3
The Gackwar's Mehsana . Kolhápur	0.4	93 29	4,852 1,576	52 54	93	4,200	45 45	32,382	32,600	218	4.6
Special gauges— The Gaekwar's Dabhoi					29	1,300		13,545	8,900	***	
Rajpipla	12	79 19	3,431 249	43 13	79 19	3,200 100	41 5	21,089 1,846	21,900 900	811	"4
Goodh Behar	115	996	978	119	996	1,07,000	107	1,609 6,91,080	5,000 6,81,800	3,391	9,3
Lines owned & worked by n. states.	- 110		2,20,000		200	2,01,000	101	0,01,000	0,01,000	100	-
Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot		334	19,445	58	334	16,300	40	1,45,195	1,22,000	040	28,18 2,97 1,88
Jámnagar	04.	46 51	3,480 2,670	76 52	46 54	2,700 1,600	59 30	20,470 12,355	17,500 10,500		1,8
Dhrángádrá Jodhpore-Bickancer	57	364	19,994	53	21 405	700 20,700	33	1,30,362	5,200 1,30,000	5,200	"al
Oodeypore-Chitor	39	60	2,124	35	60	2,000	33	18,581	16,800	3,219	
Morvi	92	94	6,164	66	94	6,100	65	89,074	86,400		2,6
GRAND TOTAL .	232	20,388	58.217	56 217	1,014 21,320	50,100	184	3,61,037 2,78,53,435	8,38,400 2,70,24,400		8,29,0
		40,000	2 2, 607, E BO	211	2,020	00,11,000	109	4,10,00,900	2,10,29,900	***	

 ⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

Offg. Under Secretary

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khimpiand the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XVIII or 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

	Average		ENDING 1	4TH	WEEK	ENDING 1			i, as iar as po		
Bailwar.	per mile		Earnin	gs.		Earning	78.	Earnings from lat	Farnings from lat		
DALLWAT	per week in 1897-98.	Mean mileage worked.	Total.	Per mile open.	Mean mileage worked.		Per mile open.	April to 14th August 1897.	April to 13th August 1898.	Increase.	Docrense.
State lines worked by companies.	Rs.	Miles.	Ra.	Ra.	Miles,	Rs.	Re.	Es.	Rs.	Ra,	Ra.
Flast Indian Bengal Central		1,737	10,37,907	598	1,740	9,03,000	519	2,14,91,537	2,20,32,000	5,50,463	260.
Rangal-Nogpur	183 139	125 862	20,807. 80,940	166 94	125 962	14,300 73,000	114 76	3,38,424 22,20,186	3,61,000 26,17,000	27,576 3,96,814	***
Indian M. (including Bhopal-Itárei) Bozwada Extn. (East Coast State).	155 155	752 21	1,02,411	136 203	800 21	73,800 2,800	92	23,37,801 57,069	23,57,600 71,100	19,196	***
Madras-Ennúr sec. (Bezwada-Mad.) .	135	9	969	108	9	700	78	23,224	17,600	14,031	5,624
Rajputana-Malwa (inoldg. GRNagda)	210 44	1,815	3,54,589	195	1,815	3,19,000	176	78,08,092	91,10,000	18,01,908	***
South Indian	166	1,042	1,66,386	25 160	17	600 1,53,000	95 147	17,389 35,57,373	13,600 33,20,000	***	3,789 2,37,378
Mayavaram-Mutupet Southern Mahratta (including Guntakal-	92	54	4,671	87	54	4,300	80	1,04,966	97,400		7,566
Mysore Frontier section)	118 123	1,165 296	1,50,672 42,462	129 143	1,165 296	1,03,000 25,400	88	31,64,597 7,79,543	23,96,000		7,68,597
Bengal and North-Western (including Tirhoot section)	147	815	1,06,011	130			86		5,76,000	1 00 000	2,03,343
Lucknow-Bareilly	81	200	10,898	54	873 200	1,19,000 18,200	136	25,12,406 3,32,161	26,35,000 4,17,000	1,22,592 84,839	***
Assam-Bengal	73 186	238 888	10,825 1,13,611	45 128	293 936	22,400 1,24,000	76 132	3,06,583 30,31,545	4,85,000 30,86,000	1,78,467 54,455	***
State lines worked by the State.	243	10,086	22,07,937	220	10,348	19,51,500	189	4,75,67,851	4,95,91,700	20,23,849	***
Standard gauge — North Western (a)	236	100.0	0.08.400	001	0.605						
Oudh and Rohilkhand (including the		2,885	6,37,422	221	2,885	4,97,000	172	1,09,60,142	1,52,59,000	42,08,858	***
metre gauge link) . Eastern Bongal (incldg. metre & 2'6") .	195 362	875 817	1,34,744 2,51,429	308	1,013	1,28,000 2,33,000	126 285	32,87,572 42,67,784	38,85,000 43,05,000	5,97,428 37,216	***
East Coast	106	538	55,611	103	538	40,100	75	10,59,909	10,57,000	***	2,909
Jorhat Cherra-Companyganj	69 44	25	2,034	81	25	1,700	68	39,375	32,400	***	6,975
TOTAL .	235	5,140	10,81,240	210	5,279	(b) 8,99,800	170	(c) 2,945 1,96,17,727	2,45,89,800	49,22,073	1,545
Lines worked by guaranteed cos.											
Great Indian Poninsula (e)	381 586	1,491 461	4,72,252 1,97,488	317 428	1,491	3,93,000	264	1.02,90,861	1,31,42,000	28.51,139	
Mudras	261	840	2,09,647	250	461 840	1,93,000 2,25,000	419 268	60,68,929 44,62,234	71,09,000 42,78,000	10,40,071	1,84,234
TOTAL (GUARANTEED AND STATE) .	379 262	2.792 17,968	8.79,387 41,68,464	315 232	2.792	8,11,000	290	2,08.22,024 8,80,07,602	2,45,29,000 9,86,60,500	37,06,976	***
Assisted companies.			23,007,200		10,612	30,02,300	199	8,00,07,002	9,00,00,000	1,06,52,808	***
Mandard gauge— Delhi-Umballa-Kalka	207	160	29,579	185	162	20,100	124	5,19,607	5,66,000	46,393	
Tarkessur Southern Punjab (Delhi-Samaata).	278 42	22	5,289	240	400	4,000 24,300	182	1,25,594	1,23,000 7,36,000	7,36,000	2,594
fetre gauge— Rohilkhand and Kumson (Co.'s sec.)	121	66	5,988	90	66	7,200	109	1,52,351	1,91,000	38,649	
Bengal Docars	149 198	36 78	7,296 15,984	203 205	36	8,000	222	93,877	87,800	7,584	6,077
Ahmedabad-Parantij	45	41	1,665	41	78 55	17,100 1,800	219	2,99,416 (f) 29,333	3,07,000	7,584 37,067	444
Darjeoling-Himalayan	274	51	15,773	309	51	14,000	275	2,88,619	2,93,000	4,381	
Barsi	125	21 475	1,560	74	21 891	1,600	76	55,874	51,100		4,274
Lines owned by native states and worked by other agencies.			00,009	110	691	98,100	110	15,6%,171	24,21,300	8,57,129	•••
Standard gauge— Bina-Goons	0.7										
Bhopal-Ujjain	26 61	74 114	1,193 4,291	16 37	74 114	2,000 7,300	27 64	40,809 1,30,498	1,66,000	35,502	200
Nágdá-Ujjain The Nizum's Guaranteed State	60 211	35 334	1,142 76,111	33 228	35 334	1,700	49	48,083	54,600	6.517	600
The Gaekwar's Petlad	84 122	13	1,200	92	13	67,800 900	203	12,77,941 28,693	14,76,000 21,900	1,98,059	6,793
Kolar Gold-fields	402	108	11,779 3,035	109 308	108	9,500	390	2,79,374 71,061	2,69,000 78,400	7,339	10,374
Yeavant r-Mysore Frontier section (in-						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,	.,	
cludin, tysore-Nanjangud) The Gackwar's Mebsans	84 71	66 93	9,206 4,852	139 52	66 93	4,200	64	1,23,876 1,39,986	92,700	4++	81,176
Kolhápur	57	29	1,576	54	29	4,200 1,300	45	45,046	1,36,000 32,000		3,986 13,046
The Gaekwar's Dabhoi	51	79	3,431	43	79	3,200	41	93,516	90,400		3,116
Rajpipla Cooch Behar	11 54	19 22	249 978	13	19 22	100 900	5 41	1,846 18,945	4,300 21,500	2,954 2,555	***
Lines owned & worked by n. states.	120	996	1,18,983	119	996	1,07,000	107	22,99,174	24,83,400	1,84,226	000
Metre gango— Bhávnagar-Gondal-Junágad-Porbandar .	97	004	10.11								
Jetalsar-Rajkot	82	334 46	19,445 3,450	58 76	334 46	16,300 2,700	49 50	7,00,717 74,108	7,94,000 70,900	93,283	3,208
Jamnagar Dhrangades	38	51	2,670	52	54 21	1,600	30 83	(g) 42,388	41,900	***	488
Jodhpore-Bickaneer	62 38	364	19,334	53	405	20,700	51	4,72,269	(h) 6,700 4,64,000	6,700	8,260
Special gauge— Morvi		60	2,124	35	60	2,000	33	45,552	56,800	11,248	***
Total	83	949	53,217	66 56	1,014	6,100	65	1,48,324	1,64,000	15,676	
GRAND TOTAL .	243	20,388	44,23,748	217	21,320	50,100 39,17,500	184		10,51,63,500	1,14,942	***
(a) Includes the Jemms and Kashmin	1			1							

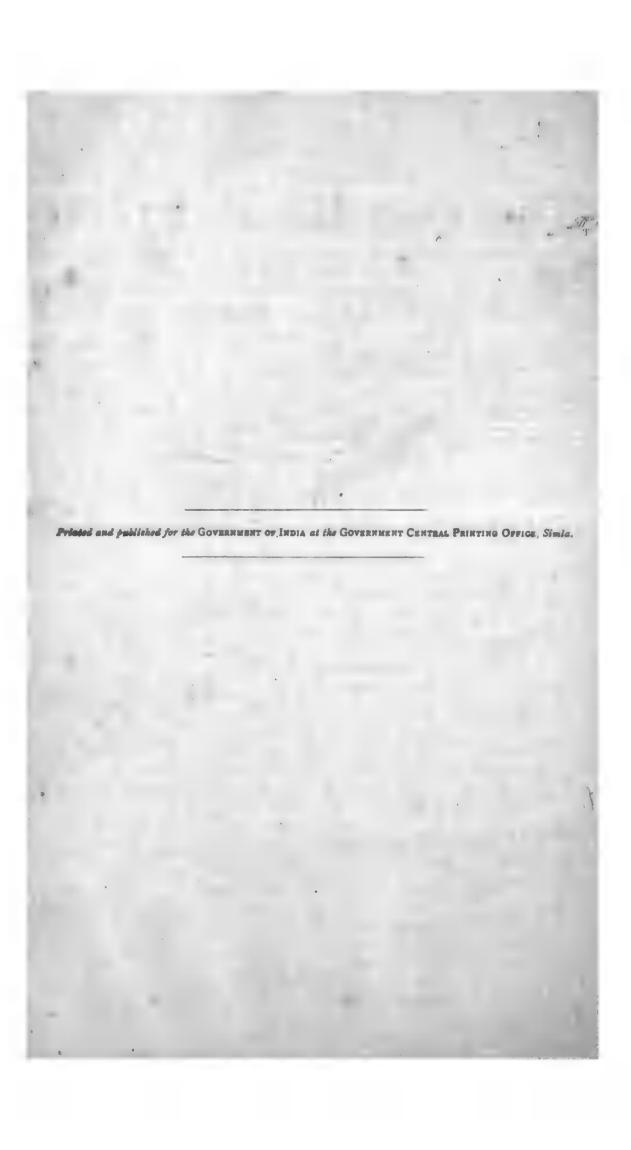
⁽c) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
(b) Closed for traffic.
(c) From 1st April to 15th May 1897.
(d) From 1st April to 15th May 1898.

⁽e) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From 1st May to 14th August 1897.

(g) From 8th April to 14th August 1897.

(h) From 1st June to 13th August 1898.





SUPPLEMENT

The Gazette of India.

No. 36.}. CALCUTTA, SATURDAY, SEPTEMBER 3, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette of India may deem to be of interest to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rupees per annum if delivered in Calcutta, or eight Rupees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupees six ber annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the bady of the Gazette must be looked to.

GOVERNMENT OF INDIA.

FINANCE AND COMMERCE DEPARTMENT.

REPORT UPON THE OPERATIONS OF THE PAPER CURRENCY DEPARTMENT FOR THE YEAR 1897-98.

No. 127, dated Calcutta, the 26th July 1898.

From-The Head Commissioner of Paper Currency, Calcutta,

To-The Secretary to the Government of India, Finance and Commerce Department.

I have the honour to submit the report upon the operations of the Paper Currency Department for the year 1897-98.

Arrangement of Subjects.

PARAS.

- 2. OFFICERS IN CHARGE.
- 3. ACCOUNTS AND AUDIT.
- 4. CIRCULATION.
- 21. AWALYSIS OF CIRCULATION.
- 23. THE RESERVE.
- 27. The Investment.
- 28. Profits of Circulation.
 - TRANSACTIONS WITH THE PUBLIC -
- 29. Issue and Receipt of Notes.
- 39. Encashment of Foreign Notes.
- 45. Issue and Receipt of Coin.
- 50. State of the Coinage
- 57. Exchange of small Coin. 58. Transactions at Agencies.
- 61. CLAIMS ON LOST NOTES.
- 62. FRAUD AND FORGERY.
- 65. REMITTANCES OF SILVER.
- 66. DISTRIBUTION AND ABSORPTION OF SILVER.
- 69. TREASURY STATISTICS.
- 73. RECEIPTS AND EXPENDITURE.

Prescribed Statements.

- No. I.—Statistics of Circulation during 1897-98.
- " II. Statements of Notes issued, received and cancelled during 1897-98.
- " III. Statement of Receipts and Expenditure.
- , IV. Classification of Treasuries according to encashment of Notes.
- V. Statistics of Treasury and other Balances on 31st December 1897.

Other Statements.

- No. VI. Issues and Receipts of Home Notes.
- VII. Issues and Receipts of Coin.
- WIII. Value of Notes in circulation from 1863-64.
- ditto " 1X. Details of ditto
- Cancellations and outstandings of old Notes—Statement of Notes issued prior to 1868, and cancelled during the last ten years.

OFFICERS IN CHARGE.

2. Mr. O. T. Barrow officiated as Head Commissioner from the 1st April to the 8th . November 1897, during the absence of Mr. Stephen Jacob, C. S. I., who held the appointment for the remainder of the year.

The other circle offices were in charge of the officers mentioned below:-

Bombay.—Mr. E. Lawrence officiated as Commissioner from the 1st April to 23rd November 1897 and Mr. O. T. Barrow held the office during the remainder of the year.

Madras.—Mr. F. C. Harrison was Commissioner during the whole year, except from the 1st April to 23rd May 1897 when Mr. W. H. Michael officiated.

Rangeon,-Mr. C. Rivett-Carnac was Commissioner during the whole year.

ACCOUNTS AND AUDIT.

3. The monthly audit of the accounts has been duly reported for each office to the Comptroller General, and special audits have also been made of the Calcutta, Bombay and Karachi Offices.

CIRCULATION.

4. The following figures show the gross and net circulation* at the beginning and end of the year:—

		Gross circulation.	Retired by other offices.	Not circulation.
		R	R	R
1st April 1897 .	•	24,36,09,585	60,76,515	23,75,33,070
31st March 1898		25,42,98,905	66,58,415	24,76,40,490

The year closed with a net circulation of about one crore higher than that with which it opened. The fluctuations were however somewhat unusual, the circulation remaining at a minimum during the first 3 months of the year and then suddenly rising to a maximum equal to that at which it closed. From that time, the monthly fluctuations were small save for a temporary decline in the month of December. The average circulation of the whole year was however extremely small, as will be seen from the following figures for the past six years.

								R
1892-93	•	• 350		9	• 3	-		27,09,95,630
1893-94		0						28,29,15,237
1894-95		•			•		•	31,11,11,406
1895-96			4		•	•		29,28,10,291
1896-97		•			•			25,98,10,128
1897-98	a 1		6	•		•		24,24,17,456

5. As explained in previous reports, the net circulation is not a true indication of the use which is made of notes by the public, as it includes the value of notes held by Government in the Reserve and other treasuries. It does not follow that when the net circulation is high a corresponding rise takes place in the active circulation of notes among the people, and in the years which immediately followed the Currency legislation the abnormal conditions created thereby caused the net circulation, including the notes in Reserve Treasuries, to increase to an unprecedentedly high figure, while the circulation, excluding the amounts in Reserve Treasuries, varied in the opposite direction being less in the years 1893-94 and 1894-95, than it had been in the immediately preceding year, 1892-93. As a rule, however, in the absence of disturbing causes, the net and active circulation do vary together and in 1897-98, as in the immediately preceding year, the ordinary features are once

[•] A note is in "gross circulation" when it is not yet returned to the original office of issue; but if it has meantime been paid off by another office of issue, and is held by it pending return to the original office of issue, then it has ceased to be in "net circulation," though it is still part of the "gross circulation,"

more presented as will be seen from the following table which is a reproduction of that published last year with the year 1897-98 added.

YEAR. Circulation, including Circulation, excluding Reserve Treasury. Treasury.	
	100
84-85 . 14,62 13,05 Increased together.	
85-86 : 14,71 13,95 Ditto.	
B6-87 . 14,20 13,33 Decreased together.	
37-88 . 16,16 15,54 Increased together.	
Slight movement in opposition.	ite direc-
39-90 . 16,15 15,15 Decreased together.	
10-91 . 22,88 21,15 Increased together.	· . 4
1-92 • 25,43 23,30 Ditto.	
2-93 . 27,09 24,83 Ditto.	
3-94 · 28,29 22,21 Wide movement in oppositions.	te direc-
4-95 . 31,11 23,95 Increased together.	
5-96 . 29,28 25,86 Wide movement in opportions.	osite direc-
6-97 . 25,98 24,13 Decreased together.	
7-98 . 24,24 22,75 Ditto.	

It does not now seem probable that there will in the immediate future be wide fluctuations in this respect in opposite directions, the Reserve Treasury balances having fallen to their ordinary level.

6. The following table shows the true active circulation of notes with the public after excluding, not only the notes in the Reserve Treasuries, but also those in the other Treasuries and the Presidency Banks:—

	40.00									-										Carlos Com	-
LAST DAY OF MONTH.	-	day of mo	Net circulation in lakhs on last day of month.		Amounts held in Reserve Treasuries.	cserve	Amount	Amounts held in other Treasuries.	other	T	Total held in Treasuries.		Balance	Balance being notes in circulation with the public.		Notes held by Presidency Banks at Head Offices.	d by Pre-	sidency ffices.	Active circulation among the people.	the people.	mong
	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-95.	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.
	30,76	25,93	23,91	6,81	2,18	94	2,20	1,88	3,12	20%	3,99	4,58	21,75	21,93	19,33	2,22	8,8%	2,13	19,53	30,08	17,28
	. 39,17	26,89	22,86	96,9	2,72	15,3	2,08	1,80	3,00	9016	45.52	4,51	21911	22,37	18,35	96.1	2,64	69'1	19,13	19,73	\$6,66
	30,86	27,78	23,39	7,33	1,74	क	1,92	6/41	2,13	9,24	3,53	3,66	21,62	24,25	20,73	2,85	24	3,10	18,77	19,82	17,63
	32,43	99,59	24.76	5,95	3.62	85	1,70	1,57	1,77	7,65	\$,39	3,29	24,78	24,40	22,47	3,06	4,61	404	19,72	19,79	18,43
•	31.54	28,23	24,60	4,23	28,85	tr)	1,58	14.1	1,89	8,50	4,36	3,41	25,74	23,97	22,19	5,75	3,62	3,41	19,99	20,35	18,78
September	30,37	26,89	24,74	1001	2,30	6	1,59	1,37	2,11	3,50	3,67	3,02	26,87	23,22	21,72	6,10	3,08	2,67	20,77	20,14	19,05
	29.98	25,08	24.59	R	00	1,33	1,48	1,30	2,19	3,24	3,12	2,52	27,74	22,96	31,07	6,18	1,88	2,18	21,56	21,08	18,89
	26,39	24,53	24,65	1,10	1,01	77	1941	1,10	1,72	2,71	2,11	2,49	25,68	22,42	22,16	*	1,92	2,68	21,24	20,50	19,48
•	27,82	25,36	23,79	83	1,87	1,54	1,87	1,10	3,05	2,70	3,97	4,59	25,12	23,29	19,20	3.97	2,40	1,52	21,15	10,89	17,68
•	27,12	24,27	24,32	1,38	3,52	2,34	2,03	9448	3,99	3,41	2,98	6,33	23,71	21,29	17,99	3,21	1,95	1,80	20,50	19,34	16,19
•	25,099	23,58	24,53	1,82	60	3,33	88,2	1,57	4,85	3,70	2,40	8,17	22,69	21,18	16,36	1,78	200	1,77	20,51	19,00	14,59
	25,94	23,75	24,76	2,04	8	3,11	2,03	2,00	80,5	4,07	2,89	8,19	21,87	20,86	16,57	1,77	2,10	80 80 83	30,10	18,76	14075
													1								
•	29,28	35,98	24.24	3,42	1,85	1 6 A 3	1,83	55.	2,01	5,85	3,38	0.4	34,02	22.59	19,84	3.77	2,73	2,000	20,24	78,91	17,44

- 7. It will be observed from this table that, as was indicated in last year's report, the continuous decline in the active circulation, observable in the latter months of 1896-97 showed no check during the earlier months of the year, the figures being no doubt affected by the famine and the plague. A recovery occurred in the months June to November, from which time a very large decline again set in.
- 8. It will also be seen from the table that, as in the previous year, the Presidency Banks note balances were increased by the cessation of the trade demands in June and July. The Government Loan followed in the months of August to October and a consequent decrease may be observed in the Banks' note balances, and when once the balances had fallen owing to the loan they did not recover again, as the very tight money market which then set in continued to the close of the year. The result has been that the average balance in the Presidency Banks has been even lower than in the previous year.
- 9. The active circulation, even excluding the Presidency Bank figures, was lower than that of the previous year for every month of the year, while the average active circulation was lower than it has been for many years past.
- to. For the reasons given in previous reports, it is difficult to explain in any detail the variations in net circulation in individual Circles; but it is usual to give the figures for each Circle, and the net circulation is accordingly distributed over the various circles in the following table:—

LAST I	DAY OF		Calcutta.	Allahabad.	Labore.	Bombay.	Karachi.	Madras.	Calicut,	Rangoon.	TUTAL.
						(The	ousands of	Rupees.)			
March	1897	•	10,11,57	1,56,00	1,80,19	5,92,98	94,07	2,73,60	13,63	53,29	23.75.3
April	98		9,83,12	1,29,46	1,86,80	6,21,35	96,49	2,85,61	12,70	75,37	23,90,90
May	37		9,66,18	1,24,67	1,69,78	6,10,19	85,32	2,70,52	12,98	46,52	22,86,16
June	0.9		9,76,63	1,44,30	1,66,45	6,45,19	80,35	2,51,74	13,81	60,67	23,39,14
July	93		10,33,94	1,61,65	1,65,38	6,92,31	80,59	2,47,96	14,28	80,03	24,76,14
August	23	٠	9,61,09	1,75,96	1,78,07	7,10,19	84,57	2,69,17	16,34	64.37	24,59,76
September	99		9,52,60	1,80,74	1,67,35	7,21,17	86,44	2,60,41	17,14	88,22	24,74,07
October	>>		9,51,79	1,35,70	1,86,73	7,01,65	95,93	2,67,84	15,88	1,03,53	24,59,05
November	21		9,30,02	1,35,36	1,85,56	7,10,43	99,57	3,71,94	12,21	1,19,50	24,64,59
December	38		9,96,10	1,14,62	1,95,52	6,34,56	80,34	2,68,53	12,16	87,47	23,79,32
January	1898		10,75,88	1,29,84	1,93,99	5,86,41	72,55	3,03,20	11,06	\$8,90	24,31,83
February	30		10,37,29	1,11,28	1,87,68	6,09,34	67,62	3,64,26	11,34	63,92	24.52,73
March	97		10,38,87	1,20,72	1,97,23	5,66,64	75,57	4,07,87	10,34	39,16	24,76,40
Average of		evi	9,91,96	1,38,69	1,80,88	6,50,79	83,78	2,89,09	13,35	75,64	24,24,18
Average of	1896-97		11,02,32	1,19,33	1,81,25	7,28,49	87,49	3,04,45	19,82	54,95	25,98,10
	1895-96		12,16,10	1,15,80	1,67,67	9,23,14	67,15	3,54,40	18,85	64,90	39,38,10

From this it will be seen that the chief decreases, compared with the previous year, have been in the Calcutta and Bombay Circles, while all circles show a falling off, except Rangoon and Allahabad.

11. It is not possible to bring out for each circle the active circulation by the method employed above in respect of the total circulation, because both Treasuries and Presidency Banks hold notes of circles other than their own. The Reserve Treasuries, however, hold practically the whole of their balances

in notes of their own circles, and in the following table the circulation of the three larger circles is accordingly reduced by the note balances of the Reserve Treasury, and is compared with the corresponding results for the preceding two years:—

-6			0	ALCUT	ra.	1	BOMBAS	γ.	N	SADRAS	3.	Отн	er Circ	CLES.		Torke	•
LAST	DAY O	7	1895-96,	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	1893-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.
								(1)	n lakhs	of Ruj	pees.)				1	1	'
April	1897		9:97	10,00	9,14	6,81	6,70	5,78	3,03	2,75	2,52	4,14	4,36	5,01	23,95	23,81	22,45
May	99	٠	9.55	10,23	8,87	6,96	6,96	5.74	2,76	2,65	2,35	3,93	4,33	4:40	23,20	24,16	21,36
June	30		9,94	10,44	9,43	6,99	7,88	6,33	2,55	2,90	2,44	4,06	4,82	4,66	23,54	26,04	22,86
July	9.9		10,98	10,08	9,85	8,29	8,07	6,91	2,65	2,83	2,46	4,56	4,99	5,02	26,48	25,97	24,24
'August	,,,	0	10,34	9,20	9,46	9,67	8,37	6,75	2,79	2,64	2,67	4,51	5,17	5,20	27,31	25,38	24,08
September	99		10,28	9,93	8,80	10,96	7,46	7,11	2,80	2,47	2,52	4,43	4,73	5,40	28,47	24.59	23,83
October	89		10,29	10,40	8,74	11,20	6,82	6,75	3,00	2,56	2,40	4,73	4,48	5,38	29,22	24,26	23,27
November	-		10,42	9,98	8,92	9,05	6,69	6,89	3,14	2,67	2,55	4,68	4,18	5,52	27,29	23,52	23,88
Pecember	**		11,15	10,17	9,16	8,24	6,42	5,69	2,95	2,62	2,60	4,65	4,17	4,80	26,99	23,38	22,25
January	1898	-	11,05	9,57	9,42	7,53	6,08	5,44	2,86	2,51	2,46	4,29	4,59	4,66	25,73	22,75	21,98
February	p0	•	10,31	9,63	9,25	6,87	19,2	5,18	2,86	2,48	2,36	4:14	4,73	4,42	24,18	22,75	21,21
March	93	•	10,55	9,70	9,46	6,47	5,64	3,12	2,85	2,54	2,45	4,03	4,98	4,63	23,90	22,86	21,66
AVERAGE			10,40	9,94	9,21	8,25	6,92	6,14	2,85	2,63	2,48	4,34	4,63	4,92	25,86	24,13	22,75

12. It may be noticed that in Bombay where the circulation was very low during the earlier months, there was a considerable increase in the middle of the year followed by a still greater decline at its close. The latter was no doubt partly due to the tightness of the money market, as shown by the low balance of notes held by the Presidency Banks and included in the above figures as follows:—

Average balance of Currency Notes held by the Bank of Bombay.

					1895-96.	1896-97.	1897-98.
September			•	•	453	165	151
October			•		431	95	112
November	•	•			244	101	135
December		•		٠	172	88	68
						-	-
		Aver	age	٠	325	112	116

This effect was probably aggravated in the case of Bombay by the recrudescence of the plague.

As regards Calcutta the figures are very low throughout the year but show no such decline towards the close, as was the case in Bombay.

With regard to other circles the above figures include notes in treasuries. It may be remarked that the excess in the circulation occurred in two circles only, Allahabad and Rangoon, and the latter province was not unfavourably affected by the famine. The cause of the high circulation in the Allahabad circle

is obscure and cannot be satisfactorily explained. It may, however, be observed that the circulation in that circle for the preceding two years was abnormally low, showing a large decline from the figures of 1894-95.

13. The details of the net circulation of 31st March 1898 for each denomination of notes are as follows:

					Numbe	R of No	TES FOR I	Rupans.			Te	DTAL.
			5-	10.	20.	50.	100.	500.	1,000.	10,000.	Pieces,	Value.
Carcutta		٠	80,407	31,02,779	63,289	53,809	2,26,406	19,879	21,741	1,418	35.69,728	10,38,87,155
Allahabad	٠	٠	15,325	59,172	25,256	17,056	27,758	4,002	2,039	323	1,50,933	1,20,72,165
Lahore .			41,901	1,03,153	60,822	32,216	46,302	8,665	4,532	216	2,97,807	1,97,22,975
Bombay			3,99,864	10,84.748	1,31,662	79,815	1,02,374	7:341	15,356	793	18,21,953	5,66,64,600
Karachi			4,672	90,612	17,585	9,520	9,684	923	1,790	258	1,35,044	75,57,080
Madras .			75,472	1,95,637	39.572	20,633	1,41,680	3,848	1,908	1,863	4,80,613	4,07,86,820
Calicut .			15,314	7,063	2,414	2,069	5,738	70	66	4	34,938	10,33,730
Rangoon		•	8,613	59,360	12,828	6,943	24,080	695	860	106	1,13,485	59,45,875
Тот	AL .	,	6,41,568	47,02,524	3,53,428	2,22,063	5,84,222	45,423	48,292	4,981	65,02,501	24,76,40,490
Total for 318	Ma •	rch	6,09,612	46,99,678	3,62,699	2,30,613	რ,ივ,206	47,604	55,611	2, 877	66,13,900	23,75,33,070
Total for 3tsi	Mai		6,25,5 5 2	46,00,900	3,68,089	2,47,639	6,22,785	49,214	66,491	3,715	65,84,385	25,94,06,990

14. There has been a decrease in notes of all denominations, except R5, R10 and R10,000. The increase in the highest denomination is due to the increase in the Reserve Treasury balances, which mostly consist of these notes and which stood at over 315 lakhs on the 31st March 1898, against about 95 lakhs on the same date in 1897.

15. The percentage of increase or decrease in each denomination as compared with 1896-97 is given below:—

							Increase (+) Decrease (-)
Five Rupees		•	•	٠			• • •	+ 5.3
Ten "		٠	•		•		* * *	+.06
Twenty "	•	4			Part .			-2.5
Fifty "	•	٠				0	2 + 4	— 3·7
One hundred h	Rupees						4.00	3 4
Five ,,	33	4		٠	•			-4.5
One thousand	29				•			-13.1
Ten ,	31		•		4	•	, • • •	+73'1

The increase in R10 notes is on the whole trifling. It occurred entirely in Calcutta, the Punjab and Burma, all other circles showing a falling off. The increase in R5 notes occurred chiefly in Bombay, where these notes are chiefly used and where their circulation had fallen very much in the preceding year and in the Punjab, where these notes appear to be steadily growing in favour.

The increase in notes for R10,000 is explained above.

16. Dividing the net circulation between Notes of R500 and upwards, and notes below R500, the values at the end of each of the last three years have been—

			Notes of R100 and under, value.	Percentage of total.	Thousands of I Notes of R500 and upward, value.	Rupees.) Percentage of total.	TOTAL.
			R		R		R
1895-96	•	•	13,11,59	50	12,82,48	50	25,94,07
1896-97		•	12,93,50	54	10,81,83	46	23,75,33
1897-98			12,68,27	51	12,08,13	49	24,76,40

The lower value notes are again in excess, but not in such great excess as last year. This is due to the high balances of the Reserve Treasuries held in notes of the R10,000 value at the close of the year under report.

17. The varying proportions in which notes of each denomination have circulated in the whole of India and in the principal circles during the last two years, are exhibited below:—

					CALCUITA.		ALLAHABAD.		LAHO	ORE.	BOMBAY.		MADRAS.		TOTAL OF ALL CIRCLES.		
	Y	BARB.				1896-97.	1897-98.	1896-97.	1897-98.	1396-97.	1897-98.	1896-97.	1897-98.	1896-97.	1897-98.	1896-97.	1897-98.
			,					4									
Rupees	5				٠	3.3	2.3	9'7	10'2	12'4	14'03	20'45	31,03	15'1	15'7	9*2	9.7
\$1	10				٠	86.6	86°9	37'1	39'2	32.6	34'7	60'4	59'6	39'7	40'7	71.	71'2
78	20				٠	1'9	1.8	16.9	16.4	21'	20'4	7'2	7.3	8-1	8.3	5'5	5'4
0.0	50					1.6	1.2	12'3	11'3	11,0	10.8	4'5	4'4	4'5	4'3	3.2	3'4
22	100					6.38	6.3	18'5	1814	17'5	15.6	5'9	5'6	31'2	29'5	9.8	8.8
20	500		٠			•6	*56	3.2	217	5.0	2,0	.2	*4	•9	.8	-7	*7
22	1,000					•7	•6	2'	1*3	1.6	1.2	1 03	183	'4	*4	•86	'73
93	10,000	٠			•	*02	*04	°3	*2	*1	*07	*03	*04	*1	*4	*04	.07
			Tot	LAL		100	100	100	100	100	100	100	100	100	100	100	100

18. The distribution of the circulation in each circle between the various denomination of notes has varied but slightly, and each province still maintains its habitual preference for particular values. The percentage of R5 notes used in Bombay, which fell last year, has again risen, while there was a fall in the use of R10 notes in that Presidency. Madras has again taken rather a larger share of R10 notes and a smaller one of those of R100, while there has been an increase in the use of R5 and R10 notes and a decrease in that of R100 notes in Lahore and Allahabad. The percentage of R10 notes used in all India has, as mentioned above, only risen very slightly, compared with the previous year.

19. The average value during the last four years of the notes in circulation in each circle on the last day of the year is given below, notes of R10,000 being

excluded, as their high value and irregular consumption only tend to create mistaken impressions:—

	it improod						1897-98.	1896-97. ·	1895-96.	1894-95.
	Calcutta C	ircle		•	•		25	26	28	28
	Allahabad	93		140			58	68	66	68
•	Lahore	11			•		59	62	60	60
0	Bombay	22		•	•		26	29	31	31
	Karachi	3)			•		36	36	34	35
	Madras	31					46	48	51	56
	Calicut	12		•	•		30	29	38	29
	Rangoon	27	•		•	•	42	43	42	47
	All India	39			•	•	30	31	33	34

20. Except in Allahabad, where the average value has decreased considerably, the changes are slight, the total result being a small decrease in values.

ANALYSIS OF CIRCULATION.

- 21. There is nothing new to report on the subject of the analysis of circulation. As stated in previous reports, all differences have been ascertained, even where they have not been reconciled, and current work can now, therefore, be proved, allowing for the known differences.
- 22. The abstract of the accounts of the Department, showing the total circulation and the composition of the reserve, published under section 27 of the Paper Currency Act XX of 1882, which had hitherto been prepared monthly, has since October 1897 been published weekly.

RESERVE.

23. The Currency Reserve on the 31st March 1898 stood as follows:-

			e on the 31s	a.		R a.		
ilver coin—								
At Calcutta	•		3,12,88,272	6	0			
" Allahabad			1,34,75,765	0	0			
Lahore	•	•	2,28,93,300	0	0			
,, Bombay			2,81,83,028	0	0			
Karachi		•	43,50,425	0	0			
Madras		•	3,17,95,550	0	0			
Calicut			20,06,215	0	0			
" Rangoon	•	•	1,12,93,785	0	0	14,52,86,340	6	D
Gold Coin and Bul	lion -	-				110 1		
At Calcutta			17,67,862	0	0			
. Bombay			7,86,207	0	0			
Rangoon	•	•	135	0	0	25,54,204	0	0
Invested in Go	nvern	ment				-313414		
Securities	•	•	9,99,99,945	10	0	9,99,99,945	Io	0
Total,	agree	eing w	ith net circula graph 4).	atio	n,	24,78,40,490		0

[•] From this amount, there should be deducted a sum of R2,00,000 received at Calcutta, but not paid at Allahabad and Rangoon until after 31st March 1898.

- 244 For the first time since 1875, the Reserve includes gold coin and bullion, which was, to the amount of R25,54,204, received against notes issued under the operation of Government of India, Financial Department, Notification No. 2664 of the 26th June 1893.
- 25. The proportion of the Currency Reserve, held in coin and bullion, was on the 31st March about 60 per cent. against 56 per cent. on the same date in the preceding year, the rise being due to the increase in the total net circulation, the investment in securities remaining the same.
- 36. The half-yearly verifications of the Currency balances on the 30th September, 1897, and 31st March, 1898, were held for all circles and subcircles, the balances being verified, in accordance with the orders issued on the subject, by a gazetted officer unconnected with the Currency Department.

INVESTMENTS.

27. The nominal value of the investment is R10,20,81,500 which is held at a book-value of R9,99,99,945-10-0. Of the nominal value, R8,15,95,000 consist of 3½ per cent. and R2,04,86,500 of 3 per cent. securities.

PROFITS OF CIRCULATION.

28. The interest realised and credited under the head * Frofits on Note Circulation" during the year is R29,83,866,—R28,55,825 being the amount realised on 3½ per cent. investments and R1,28,041 on the 3 per cent. portion.

ISSUE AND RECEIPT OF NOTES.

29. The following are the gross issues and receipts of the year, the detail by Circles being shown in Statement VI:--

					R	R
Gross Circula	ation 1st April 1897	•				24,36,09,585
ISSUES-						
Over the counter	er			94,10,0	6,795	
At Agencies				#;29,0	4,800	
In remittance	Between Head O	ffices a	and			
Transactions				16,26,9	2,330	
	Between Circles	•		16,69,6	8,190	
				-	-	0
						1,28,35,72,115
RECEIPTS-						1,52,71,81,700
Over the counte	r			79,74,72	2.845	
At Agencies					2,000	
From other Cur	rency Circles .			11,51,6		
1	(Between Head O	ffices	and			
In remittance Transactions	Agencies .			18,00,19	,895	
	Between Circles	•	٠	17,71,51	1,170	
					_	1,27,28,82,795
Balance, being	gross circulation on	the M	arch		4 1	.2
31st, 1898 (vi	de paragraph 4) .					25,42,98,905

The transactions between Head Offices and Agencies show a large increase—this means of preventing actual remittances having been largely resorted to during the year. The receipts from other Currency circles represent the receipts in each circle of its own notes cashed in other circles. The amounts so received show a small decline for the first time for some years.

go. The remittances between Circles are for the most part payments and receipts of one Currency Office, in consideration of receipts or payments at another. The total remittance transactions, though not quite so large as in the previous year, were again heavy owing chiefly to low Government balances, stringency in the money market, and the heavy demands on treasuries due to the abnormal circumstances of the year which rendered numerous remittances necessary by the most rapid method.

31. The total issues and receipts for the last three years are as follows:-

		5			R	Receipts.
1	895-96		•		3,17,19,93,445	1,21,74,23,785
1	896-97		•		1,22,64,01,040	1,24,98,63,505
1	897-98				1,28,35,72,113	1,27,28,82,795

The issues have increased by about 572 lakhs, and the receipts by 230 lakhs, as compared with the previous year, the difference being made up as follows:—

					Issues.	Receipts.
Over the counter .				0	+ .,00	-2,42
Remittance transactions		•			+3,70	+14,86
From other Currency Circle	es	•	,0		0 0 0	-23
Other heads	•	•	•	•	-1,98	+9
					+5,72	+2,30
						10

32. The Issues and Receipts in the various Circles bear no fixed proportion to the circulation, but they do bear a very different proportion for the different circles, which proportion only slightly varies from year to year in the absence of disturbing causes. This is brought out in the following table, which gives for each of the larger circles the value of the gross circulation, the mean value of the receipts and issues, and the percentage of the former on the latter, the last information being given for the last three years:—

				:	IN LAKUS	OF RUPERS.	PERCENTAGE OF AMOUNT IN COLUMN 200 THAT IN COLUMN 3.				
Nat	ME O	F Circ	LE.		Average circulation of last day on month.	Mean value of Receipts and Issues.	4897-98.	1896-97.	1895-96.		
		1			3	3	4	5	6		
Calcutta	•				9,92	48,62	20	20	23		
Ailahabad		•			1,39	7,77	18	23	23 38 19		
Lahore			0		1,81	12,02	15	20	19		
Bombay					6,51	27,04	24	29	33		
Madras					2,89	17,56	16	17	-21		
Rangoon			9		76	12,28	6	5	8		

From this it will be seen that the transactions in Rangoon are usually very heavy in proportion to the total circulation, while the reverse is the case in Bombay. The figures show no very great variation, except in the case of Allahabad, Lahore and Bombay. In the case of the first two, the considerable increase in mean value of Receipts and Issues is probably due to the large sums supplied to those provinces to meet Famine and War expenditure, the amounts being first transferred to remittance treasuries in the form of notes and then exchanged for coin. In the case of Rangoon, the large proportion of Receipts

and Issues is probably due to the large operations there connected with the financing of the export trade in rice. In the case of Bombay, the cause is not so much an increase in the Receipts and Issues as the large fall in the circulation which has not been followed by a proportionate fall in the transactions.

33. The aggregate gross Issues and Receipts of the several denominations of notes at both Offices of Issue and Agencies during the year were as follows:—

	1		1	NUMBER	OF NOTE	s FOR RUI	PEES.			T	TOTAL.		
		8	10	90	50	100	500	1,000	10,000	Number.	Value.		
Issues Receipts .	- 1	1,059,445	6,109,804 6,087,055			1,513,291				10,323,201	1,28,18,50,915		
More Issues		39,834	22,749	7,852	8,680	17,543	3,084	7,390	2,098	21,192	1,06,89,320		

The Receipts exceeded the issues in all values except R5, R10, and R10,000 following the variation in the circulation.

34. The average number of notes that passed over the counters at each Head Office on each working day during the past three years, and the daily average of cancellations are given in the following table:—

		No	TES CASHI	D.	No	TES LOSUE	D.	Notes cancelled.			
		1895-96.	1896-97.	1897-98.	1 895- 96.	1896-97.	1897-98.	1895-96.	1896-97.	1897-98.	
At Calcutta Bombay Madras Rangoon	•	14,520 8,636 4,872 1,361	14,800 8,499 5,146 1,587	14.645 8,865 5.414 1,846	16,251 9,651 4,931	16,093 8,761 5,039 1,694	15,890 8,873 5,341 1,960	11,691 4,829 4,329 1,339	13,000 5,077 5,289 1,581	13,211 5,172 5,148 1,832	

35. The proportion of cancellations continues high, the withdrawals of notes which have been at all soiled being regarded as an important safeguard against forgery. The following table shows the numbers in thousands of pieces of the total issues and cancellations for the year:—

		Ci	rcle.					Issues.	Cancellations.
Calcutta .	•	•			•	٠		4,630	3,726
Allahabad	•	•	•	•	•			236	237
Lahore	•	•	•	•	•	•		591	467
Bombay		•	•	•	•	•		2,544	1,469
Karachi	•	•	•					149	178
Madras	•	•	•	•				1,544	1,488
Calicut	. ,•	•	•	•	•	•	•	53	59
Rangoon		•	٠	.•	•	•	•	576	563
					To	TAL		10,323	8,187

36. The following table shows in continuation of that given last year what proportion of the first issues still remain in circulation. This information is given for all India (except Burma). The first issues were made in 1862 in Calcutta, Bombay and Madras; in 1864 in Allahabad and Lahore; and not until 1883 in Burma:-

					First	YEAR.	SECOND	YEAR.	
	DENOMIN	ATION.			lasued.	Outstanding.	lssued.	Outstanding.	
•-					R	R	R	R	
Rupee	10	•			21,90,320	20,610	12,75,000	9,700	
21	.20	٠	•		20,22,000	14,140	12,62,000	6,600	
.,	50				39,30,000	16,850	17,27,500	5,850	
99	100	•			89,28,500	31,400	35,15,000	7,600	
,,	500	•		•	56,00,000	17,500	39,97,000	2,500	
22	1,000				2,77,50,000	29,000	2,66,98,000	9,000	
		Tot	AL S		5,04,20,820	1,29,500	3,84,74,500	41,250	

The figures differ from those given last year having been compiled from new returns. The returns of former years included the issues of more than one year in cases where one series extended over several years.

37. The outstandings in the issues of the first year are proportionately about twice as large as those of the second year's issues, possibly because Paper Currency, when quite a novelty, was not preserved so carefully as when its value became better known. These old notes are still coming in, though slowly. The cancellations of the issues of the first year, 1862, during the last ten years are shown below:-

	DENOMI	NATION.	•		Originally issued in 1862.	Cance	lled since	Still out- standing.		
Rupees	10	•	•	•	219,032 pieces	30	pieces.	2,061	pieces.	
23	20	•	٠	•	101,100 ,,	10	91	707	19	
10	50	•	•	•	78,600 11	10	39	337	29	
19	100	•	•	•	89,285 s	14	90	314	99	
22	500	•	•	•	11,200 ,,	8	"	35	18	
81	1,000		•	•	27,750 N	11	33	29	3)	

38. It seems evident, therefore, that many of these notes must have been lost and will never be presented. As mentioned in previous reports, the practice in England is to write off the value of all notes outstanding for more than forty years. No Indian notes are yet of that age, but Statement X annexed to this report shows the issues, cancellations in the last ten years, and outstandings of all notes issued prior to the year 1868 and consequently more than thirty years old.

ENCASHMENT OF FOREIGN NOTES.

39. The following is the Foreign Note account of the Circles in aggregate:

					R	' R
Balance held on 1st April 189	7		1.		***	60,76,515
Received over the counter			•		11,37,60,670	
From other Circles .		•		L.	6,88,825	
Received at Agencies (net)					21,22,060	
						11,65,71,555
		Ŧo	TAL	•	•••	12,26,48,070
Remitted to Circles concerned		•				11,59,89,655
Balance on 31st March 1898	•	•	•		***	66,58,415
		To	TAL	•	0 0 0	12,26,48,070
					43	

40. The details by Circles of the amount received over the counter in the above statement are as follows:—

Statement of Foreign Circle Notes cashed.

			ž.			CASHE	D BY			han distance to the state of		To	TAL.	
Cir	CLB,		Calcutta.	Allahahad,	fattore.	Bombay.		Madran;	Calicut.	Rangoon.	1807-98.	1896-97.	1803-96.	1894-95-
			R	R	R	R	R	R	R	R	R	R	R	R
Calcutta			***	38,00,035	21,69,985	60,85,295	5,10,760	3,12,935	***	24,245	1,29,03,255	2,11,94,575	2,59,68,710	2,24,00,1
Allahaba	d.		2,36,23,185	**1	8,17,370	21,98,245	1,30,415	55,840		4,775	2,68,29,830	2,13,27,910	1,62,28,990	2,47,96,13
.ahore .		۰	2,44,17,695	15,54,005	***************************************	53,43,295	21,46,630	70,530		4,605	3,05,26,960	2,87,52,865	1,94,43,560	1,88,12,6
Bombay			1,24,52,260	6,61,660	5,07,180		5,20,965	8,08,200	•••	10,755	1,49,61,020	1,52,10,320	2,41,88,200	2,14,32,15
Akela .			989	ija»	***	460-	904	10	•••	0.00	10	***	10	-4
Nagpur	4		210	20	444	***		+49	000	***	230	115	5	St
Carachi			3,55,965	94,750	4,07,400	1,10,25,560		31,575	***	660	1,19,15,910	67,05,255	44,47,310	36,74-11
Madras.			15,45,060	2,79,180	4,64,150	1,12,68,720	3,00,690	400		15,225	1,37,73,025	1,58,55,695	1,63,19,515	1,16,15,17
Calicut			26,970	2,410	4555	3,67,370	935	17,55,735	***	685	31,58,660	52,67,995	24,77,800	14,04,65
Coconada	a .			***	000	***	490		010	1	001	5	15	i
Rangoon		۰	4,02,495	4,770	18,685	1,83,875	2,170	79.775	000	800	6,91,770	6,49,390	12,05,140	4.97,0
lotal of	1897-9	8 .	5,98,23,840	63,97,030	43,89,335	3,64,62,360	35,12,565	31,14,600	900	60,950	11,37,60,670	000	gu+	944
22	1896-9	7 .	4,96,10,325	90,47,750	62,25,515	3,25,76,940	\$6,82,200	1,13,89,765	34,00,440	31,390	***	11,49,64,325	604	901
2.9	1895-9	6.	4,57,66,360	1,43,15,420	70,44,430	3,17,00,675	26,46,225	59,77,940	24,767	52,095	***	400	11,02,79,255	804
23	1894-9	5 .	4,94,44,290	86,37,380	1,26,04,910	2,19,92,240	23,92,430	77,97,440	117,43,625	28,375	***	***		10,46,40,6

- 41. The gross amount of Foreign Circle encashments by all circles for 1897-98 was less than that of the previous year by about 12 lakhs. The chief variations have been net decreases of 83, 34, 26 and 18 lakks in Madras, Calicut Allahabad and Lahore, and net increases of 102, 39 and 8 lakhs at Calcutta, Bombay and Karachi. Calcutta has cashed more notes of all circles except Madra's and Calicut, Bombay has cashed fewer notes of most circles, but its encashment of Karachi notes largely increased. This is believed to have been due to the paralysis of trade in Karachi, partly owing to the plague and partly to short crops in the Punjab and the very favourable investments offered by the high rate of interest prevalent in Bombay. Allahabad, Lahore and Madras, and particularly the latter, show very large decreases in encashments.
- 42. The encashment of Foreign Circle Notes represents the transfer of funds by the public from one Circle to another, and the following statement compares, in lakhs of rupees, the net transfer thus made between each of the Circles during the last two years. The plus figures indicate that transfers to

Circle exceeded those from it, and the minus figures represent an opposite movement:-

Calcutta	•		•	•	1896-97. + 28 4	1897-98. + 469	Difference.
Allahabad	٠	•	•		-123	-204	81
Lahore	•	•		4	-245	-261	— 36
Bombay	•	•			+174	+215	+ 41
Karachi			•	•	- 40	- 84	- 44
Madras		•			- 45	-107	- 62
Calicut					- 19	— 2I	- 2
Rangoon			٠	•	- 6	- 6	•••

- 43. The most important transfers were those from Madras, Lahore and Karachi to Bombay, and from Allahabad, Lahore and Bombay to Calcutta. The transfers from Allahabad and Lahore were probably influenced by the payments for grain imported on account of the famine. The increase of late years in the payments of Karachi notes at Bombay is probably largely due to the excess of imports over exports owing to the short grain crops in the Punjab, while the decrease in the encashment of Foreign Circle Notes at Madras and Calicut has been partly due to recent orders stopping the previous practice of the free encashment of these notes out of the surplus coin in the Currency Reserves.
- 44. As noticed in previous reports, the closing of the Mints has caused a very considerable difference in the encashment of Bombay notes by other circles. Before the Mints were closed, the transfers from that circle always exceeded the transfers to it, but since that event the transfers to it have been in excess. The net figures for Bombay for the last eight years are :-

The difference occurs largely in the encashment of Bombay notes at Calcutta, the amounts so encashed having been in the last eight years 266, 184, 258, 112, 132, 178, 74 and 125 lakhs respectively. When the Mints were open, silver was chiefly imported at Bombay and tendered to the Currency Department, and the notes received in payment were to a large extent remitted to Calcutta and paid in as revenue; but this ceased with the closing of the Mints. Another cause of the large net transfer to Bombay in the past year was, however, the unusually large encashment of Karachi notes.

ISSUE AND RECEIPT OF COIN.

45. The transactions in coin are as follows (for details by Circles see statement VII):—

		Coin.	a.	p.
Balance, 1st April 1897	•	13,75,33,124	6	0
Decripes				_
RECEIPTS-	llian	25,54,204	0	0
Over the Gold (coin and bu counter Silver	inon)	20,02,33,316	0	0
At Agencies		1,23,62,300	0	0
New coin received on account	t of	-1-3113		
Bhopal Advance		33,61,237	0	0
Received from Reserve Tres	CHTV	3311-37		
on account of Bhopal Adva		24,18,763	0	0
On account of Duopal Adve	Ance	241.01703		
In Remittance transactions-		Lande		
Between Head Office				
Agencies R21,17,23,215	6 0			
Between R9,41,67,452 1	2 0	30,5 8,90,668	2	0
Cercies 29,41,07,45.		30,30,90,000		
TOTAL RECEIPTS		52,68,20,488	2	0
TOTAL STRUCT	•	3=,, ,,		-
TOTAL BALANCE AND RECEIPTS		66,43,53,612	8	0
TOTAL DAMINOS IND THE				-
Issues—				
Over the counter • •		17,30,06,378	0	0
At Agencies		25,29,500	0	
Coin remitted to Bhopal De	urbar	57,80,000	0	0
Coin paid on bullion certifica		7,862	0	0
Com paid on Deniety Constitution				
In Remittance transactions—				
Between Head Office				
Agencies R23,12,85,620	6 0			
Between Circles R10,39,03,707	12 0	33,51,89,328	2	0
(Circles \$10,39,03,707	12 0	2212.10313-0	-	
				_
TOTAL ISSUES	•	51,65,13,068	2	0
Deserver area Manes	1909			
BALANCE, 31ST MARCH	1090	14,78,40,544	6	0
(see paragraph 23)		-4,/0,40,344	9	-

46. The receipts and issues for the past three years are given below:-

				Receipts,			lasues.		
				R	a	. p.	R	a.	p.
1895-96	•	•	•	37,41,10,350	0	0	42,14,28,465	0	0
1896-97		•		44,75,68,662	4	0	48,97,17,527	14	0
1897-93		-	47	52,68,20,488	2	0	51,65,13,068	2	0

47. The net result was an increase in the coin reserve of 101 lakhs. This increase, after deducting two lakhs received at Calcutta, but not paid at Allahabad and Rangoon until after the 31st March 1898, exactly corresponds with the increase in the net circulation as shown in paragraph 4, there having been no addition to the investment of the Reserve during the year.

48. The receipts and issues exceeded those of the previous year by 7,93 lakhs and 2,68 lakhs respectively, the differences being made up as follows:-

								Receipts, Issues,
	Over the coun					a		+301 -293
	Remittance tra	ansact	ions		•			+370 +493
1	Other Items	•		0	٠	•	0	+ 62 + 68
								delication delication
								+793 +268

49. The entries in paragraph 45, relating to coin received and issued on account of Bhopal, refer to the measures which were taken during the year to replace the old Bhopali coinage by the British coinage. The Bhopal Durbar agreed to undertake this substitution on being supplied with a sufficiency of British rupees to replace the Bhopali rupees withdrawn from circulation, and the Government of India agreed to receive the Bhopali Rupees at the rat of R124 for every R100 British, and re-coin them into British rupees. To facilitate this transaction, Act XI of 1897 was passed rendering it legal to make an advance of British rupees to the Bhopal Durbar out of the Currency Reserve. The operation of the Act was limited to six months, and it took effect from the date the first advance to the Durbar was made. The 1st of October 1897 was eventually fixed upon as the date of the first advance, and the Act, therefore, ceased to be operative on the 1st April 1898. A sum of R57,80,000 was advanced in all to the Durbar, and its equivalent in Bhopali rupees, at the rate of R124 to R100 British coin, was sent to the Calcutta and Bombay Mints for re-coinage. On being re-coined at the Mints, the new coin was paid into the Currency Reserve in adjustment of the advances. In consequence, however, of the heavy work at the Bombay Mint, it was found impossible to re-coin all the Bhopali rupees received from the Durbar in time to repay the Currency advance in full by the due date, and the sum of R24,18,763, which would otherwise have been outstanding on the 1st of April, was therefore paid to the Currency Reserve from the Reserve Treasury, and thereafter treated as a Treasury advance. The coinage has since been completed by the Mint, and the advance adjusted in full.

STATE OF THE COINAGE.

50. The following table shows the withdrawal of shroff-marked, uncurrent coin and coin of 1835 from circulation during the year and the remittance of such coin to the Mint and other Provinces:-

In thousands of Rupees.

			S	HROFF	-MARKI	ED C	OIN,				Un	CURRE	NT C	COIN.				C	OIN OF	1835	3.	
Provinces.		balance.		ceipts rom			mitted to	balance.	balance.		ceipts rom		Re	mitted to	balance.	balance.		ceived from		Re	mitted	l de
VE.			Other	Public.	Total.	Other Provinces.	Mints.	Chosing bal		Other Provinces.	Public.	Total.	Orher	Mints.	Closing bala	Opening ba	Other Provinces.	Public.	Total.	Provisors	Mints.	Closing balance.
dia 🗽		18	1	49	68	27	9	32	3	2	20	25	5	10	10	1,76	8	4,38	6,22	35	3,56	2,3
intral Provinces .		12		14	26		***	26	4		3	7	240	***	7	1,25		69	1,94	114	D	1,9
erna	. 1	3		7	10	***	5	5	2	•••	5	7	***	4	3	3,79	101	2,08	5,87	***	4,53	E
NAS		5	9 = 0	3	8		7	1	3	***	1	3	***	3	1	1381	000	70	1,81	***	1,34	5
engal		4	240	6	10	1	2	7	2	002	7	9	2	2	5	2,73	2	5,08	7,82	8	4,56	3,1
-W. P. and Oudh .		1,45	16	2,94	4,55	000	2,99	1,56	12	4	56	72	***	48	24	6,83	14	11,19	18,16		11,75	6,4
njab		4,80	11	9,05	13,96	900	8,91	5,05	37	1	1,02	1,40		91	49	4,64	17	8,83	13,64	127	8,88	4,70
adras		6	qo.	27	33	400	11	32	6		59	65	* ***	17	48	1,58	2	4,00	5,69	000	1,99	3,70
mbay		3		1,14	1,17	000	1,03	14	7		1,81	1,18	***	95	23	1,64	008	3,49	5,13	***	3,87	1,3
rderabad			- 19	***	***	244	000	•••	***			100		641	•••	26	•••	16	42		30	1:
TOTAL	. 4	6,76	28	14,19	21,23	28	13,27	7,68	75	7	3,64	4,46	7	2,69	1,70	25,58	43	40,69	66,70	43	40,68	25,5

51. The total amounts of shroff-marked rupees withdrawn from circulation in the last eight years are shown below in thousands of rupees:—

											# (
1889-90	•	•	•		•		•				23,44
1890-91			•								20,68
1891-92						•	•				20,43
1892-93											13,06
1893-94		•						0,			11,87
1894-95	9	0									9,79
1895-96			•	•		•		•			13,34
1896-97	4	•		•							15,13
1897-98	•			•			9		т.	4	14,47

There has been a slight decrease in the amount withdrawn.

52. The total amount of 1835 coin withdrawn since it was first recalled is now about 120 lakhs, about 41 lakhs of which has been withdrawn during the year 1897-98. A large portion of this has been provisionally utilised in the coinage of small coin at the Mint.

53. The following statement shows the number of coins cut and broken under the Coinage Act during the calendar year:—

NAME OF PROVINCE	1.	ber of treasuries high coins were	reasona a per	ved to hav able wear c ceat. in	more t	than	Balieve	nd to be	Count	oricit.	10 Wall	ed to have ight other reasonabl	rwise that	duced in by	1 10	by i literat	ered ur circul reason tion of for oth auses.	lation of device
3		Number of in which cut.	R	jR	₹R	₫R	2	↓R →	12	∄R	R	ÌR	±₽	i R	R	<u>↓</u> R	įR	12
lodia	•	8	21,793	4,323	0.00		1,332	4	16	15	17,533	1,925	1,540	348				
Central Provinces .		19	3,730	286	273	229	319	8	41	1	396	82		641	***			
Burman		001	1,066	2	***		1,918	16	23	3	190	801	***	0.01			***	
Assam ,		8	779	869			203	1	***	141	70	***	591		800		***	-
Bengal		45	2,974	207	-	***	3,750	168	74	20	3,014	101	44.	841	80*		***	-
North-Western Provinces		47	10,357	982		800	2,067	57	28	28	9,549	584	520	68	901	***	800	361
Punjab		35	29	150	***	400	2,335	4.	9	64	6,318	9	320		•••	***	444	111
Madens		35	48,813	10,986	3	940	1,385	149	198	64	1,480	35	8	440	***	***	Bare .	
Bombay		83	51,165	1,120		3	2,028	181	197	75	2,268	33	17	11	000	484	900	864
Hyderabad		660	18		***		6				-			4	0 U o	040	***	
										800	4	0.00	***	000	.0.		804	141
TOPAL			1,40,104	18,925	275	231	15,343	578	\$48	270	40,822	2,776	2,087	425				

The total amount of coin treated as counterfeit is larger than usual, the chief increases being in Bombay, the Punjab and Bengal, but the whole amount discovered has not been of great magnitude.

The total amount of coin believed to have been reduced by fraudulent means is much the same as last year, but the distribution among Provinces is more in accordance with what might be expected to be the actual facts than has been the case of late years. I explained last year that there was some reason to think that a proportion of that believed to have lost more than 2 per cent. by reasonable wear had really been reduced by other means, and I addressed the different Provinces pointing out that the small amount of fraudulently reduced coin reported from some compared with that shewn by others led to a doubt as to the accuracy of the examination to which coins were subjected. The amounts treated as fraudulently reduced this year are still largest in the North-Western Provinces, Punjab and India Treasuries, but the numbers shown under this head in Bengal and Madras are not quite so disproportionate to the circulation as hitherto. As regards coins reduced by wear and tear, these show a considerable increase principally in Bombay, Madras and India, this result being perhaps due to more attention being paid to the matter since the issue of the instructions alluded to.

54. The above tables in paragraphs 50 and 53 do not include soldered and other defaced coin returned to the tenderers without being cut and broken, and records have not been maintained from which the amounts tendered in recent years at all treasuries can be exactly arrived at. In consequence of reports received from the Central Provinces and Bombay of an increase in the numbers of soldered coin tendered, an enquiry was instituted during the year with a view to ascertain how far the practice of endeavouring to pass this coin into the treasuries was prevalent. It may be explained that soldered coin is coin which has been used for ornaments, and it was reported from the Central Provinces that attempts were being made to pass such coin after patching up the solder marks. The result of the enquiries was to show that there had been some slight increase in the amounts tendered in the North-Western Provinces, Punjab, and some of the India treasuries, but it did not appear that the amounts tendered had assumed important dimensions, while the other Provinces, except Bombay and the Central Provinces, show no appreciable increase. It was only in the Central Provinces that the numbers tendered appeared to have largely increased, and it was not considered necessary to take any special steps in the matter. The increase in the numbers tendered has been attributed, and I think correctly, to the effects of the Famine in those parts of the country where the practice of turning rupees into ornaments most largely prevails. The sale of such ornaments to money-lenders and others accounts for the number brought into the circulation. It is probable that the practice alluded to in the Central Provinces will disappear with the causes which led to it.

55. The new rupee coinage of the year was confined to rupees coined to replace the old Bhopal and Kashmir coinage, those States having agreed to recall their own rupees and adopt British coinage in their place. The usual statements of whole rupees coined and issued from the Indian Mints from 1835 to 1898 inclusive, and of the rupee census or proportion of each of these annual issues found on an examination in each District Treasury of a certain number of the rupee ordinarily current in each district, are shown below:

Statement of whole Rupees coined and issued from the Indian Mints from 1835 to 1898.

,						Coined in Calcutta.	Coined in Madras.	Coined1 in Bombay.	Total Coined.
W	'illiam	īV				10,90,88,070	R 11,78,000	R 5,37,12,502	R 16,39,78,572
Vi	ctoria,	1840,	Ist	issue		17,99,34,670	2,18,98,181	10,98,38,073	31,16,70,924
	39	1840,	and	issue		39,85,53,660	5,50,49,201	31,29,58,076	76,65,60,937
	"	1862	•			26,94,27,222	2,94,81,923	40,80,03,034	70,69,12,179
	21	1874	•			1,50,13,834	***	2,85,08,566	4,35,22,400
	21	1875	•			1,16,31,951	***	1,93,59,597	3,09,91,548
	36	1876	•			1,20,01,264	***	2,89,49,037	4,09,50,301
	21	1877	•	•		3,92,51;692		9,55,54,320	13,48,06,012
	31	1878		•		3,26,57,837	***	6,39,27,196	9,65,85,033
	90	1879		· · · · · · · · · · · · · · · · · · ·	S	1,59,28,325	•••	7,27,99,904	8,87,28,220

Statement of whole Rupees Coined and issued from the Indian Mints from 1835 to 1898—continued.

					Coined in Calcutta.	Coined in Madras.	Coined in Bombay.	Total Coined.
					R	R	R	B
Victor	ia, 1880		•	•	1,83,99,894	•••	5,37,85,624	7,21,85,518
93	1881		. •	•	24.35,719	•••	31,61,858	55,97,577
	1882		•	•	1,50,90,289		5,63,97,278	7,14,87,567
72	1883		٠	6	51,23,372	No.	1,80,22,789	2,31,46,161
"	1884		٠		1,16,41,757	***	3,68,46,570	4,84,88,327
,,	1885				3,41,52,203	•••	6,48,78,000	9,90,30,203
29	1886			٠	1,08,78,075	***	4,11,46,457	5,20,24,523
"	1887				4,02,00,148	***	4,84,00,000	8,86,00,148
12	1888	•		٠	75,68,000	•••	6,32,00,000	7,07,68,000
21	1889	٠	٠		93,68,310		6,53,00,000	7,46,68,310
93	1890	•			2,47,41,865	476.	9,29,00,000	11,76,41,865
22	1891	•	٠		1,46,69,903	•••	4,95,00,000	6,41,69,903
, 13	1892	•			3,24,55,120		7,22,00,000	10,46,55,120
99	1893		6.	•	91,40,310		(a)6,95,90,000	7,87,30,310
29	1897	•	•		(6) 4,70,184	000	(8)10,54,593	15,24,777
10	1898				(8) 12,50,976	800	(8)20,88,870	33,39,846
		Ton	TAL	•	1,32,10,74,650	10,76,07,305	1,93,20,82,344	3,36,07,64,299

⁽a) Includes \$5,90,000 coined in 1893 for the Bikanir State.
(b) On account of Kashmir and Bhopal re-coinage.

Proportion of the several issues of Government Rupees in actual circulation in the whole of India in the years from 1880 to 1898, as ascertained by the examination, each year, of a bag containing R2,000 in every Government Treasury.

In what year examined.

4	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898
William IV 3	3.3	3'25	3,1	3.02	2.75	2.65	3.3	3.12	1,02	1.8	1.62	1'6	1,22	1°35	814	1*45	1,	.5	.5
1840, 18t imue 1840, 2nd 1802 1874 1875 1875 1877 1878 1829 1880 1884 1884 1885 1886 1886 1889 1890 1890 1890 1891 1892 1893 Portuguese 1897	7'55 22'45 36' 1'55 2'6 2'85 10'4 6'85 2'	7'45 21'5 34'25 1'45 2'2 2'65 9 95 6'55 5'55 '05	7*15 20'7 33'9 1'4 2'2 2'6 9'45 6'45 5'6 5'75 '75 '95	7'8 19'4 3'1 31'3 2' 2'4 9'1 6'1 5'3 4'15 '25	7'05 18'75 30'5 1'15 1'8 2'35 8'2 5'67 5'35 -85' 7'2 1'3 1'35	6'8 18'6 29'4 1'15 1'7 2'2 7'75 5'35 5'1 4'75 6'65 1'95 3'9 1'45	5'7 15'85 27'85 1'165 6'75 4'5 4'5 4'5 4'15 4'5 9'4 2'3 	5'35 15'4 26'7 '9 1'45 1'95 6'2 4'25 3'75 3'95 '4 5'4 1'55 4'05 8'55 6' 1'95	5°15 15°1 25°5 1'45 1'8 5°9 3°5 3°5 3°5 3°5 7'85 4'9 5°1 2 25 	5°05 13'45 23'65 85 1'7 5'55 3'7 3'35 3'5 '35 4'35 1'3 3'4 6'6 6'45 6'45 6'45 6'45	4'9 12'55 22'75 '9 1'35 1'6 5'15 3'15 3'15 3'15 3'3 '55 4' 1'15 3'5 6'35 6'25 5'3 2'3 '05	4,5 12,5 22,15 8 1,35 5,1 3,4 3,2 4 4,1 1,1 2,7 5,6 3,4 6,3 5,6 4,6 4,45 2,6	4'6 11'85 21'4 '7 1'2 1'45 4'7 3'15 2'85 2'8 '4 3'45 5'05 5:55 5.4'4 6'3 6, 1'05	3'95'10'99'19'75'95'1'15'35'4'2'3'7'2'7'2'7'2'7'2'3'4'8'2'9'5'25'4'5'6'65'4'75'5'85'1'85'	3'95 11' 19'65 '75 1'15 1'4 4'4 2'65 2'75 '35 3'1 1' 2'2 4'45 2'65 4'9 4' 4'25 6'3 4'3 4'3 2'5 5'3 5'3 5'3 5'3 5'3 5'3 5'3 5'3 5'3 5	4'25' 11'2' 20'05' -85 1'25' 4'4' 3'1' 2'7' 2'7' -4'3' 1'1' 2'25' 4'36' 4'7' 3'85' 3'95' 5'95' 3'96' 2'4'3'	4° 11'7 20° '7 1'1 1'4 4'4 31 2'6 2'6 '4 3' 1'2 2'2 4'2 2'4 4'7 3'6 4'3 7'3 3'7 6' 4'4	4'1 11'7 20' 1'4' 4'4 3' 2'7 2'7 4'4 3' 1' 4'2 2'6 4'4 4'4 4'4 4'4 4'4 4'4 5' 5'1	4'6 13'. 22' 1'4 4'8 3'! 2'0 2'7 4'2 2'4 4'4 4'4 4'4 4'4 4'4 4'4 4'4 4'4
1898	***	•••	010	401	***	***	000	***	0.00		***	891	***	6.00	•••	***	•••	90.7	703
Total,	100	100	100	100	001	100	100	100	100	100	100	100	100	100	100	100	100	100	100

56. The most important feature in this statement is the increase in the proportion of the issues of 1840 and 1862 compared with the preceding year. There had, as noticed in last year's report, already been a slight increase since 1893. The figures for five years ending 1807 being 34.6, 34.6, 35.5, 35.7 and 35.8 per cent. As there ought naturally to be a decrease in the amount of earfier issues in circulation, this appeared to show that hoarded rupees continued to some small extent to be brought into the circulation. In the present year, however, the percentage has increased to 38.6, which may possibly be accounted for by the larger influx of hoarded rupees owing to the pressure of the famine. It may also be remarked that the percentage of William IV coin shown above is probably rather lower than the true actuals, as a number of the treasuries show no 1835 coin in the amounts examined, a result which is very likely due at all events in some cases to bags which had already been purged of this issue being examined, although instructions were issued to avoid this. The same thing, however, also occurred in previous years. The number of treasuries which returned no such coin this year was 66 out of 245, and, allowing for the possibility of there really being some treasuries where there was no 1835 coin, I think that the figure '6 would probably more correctly represent the percentage of this coin still in circulation than '5 shown above. If then Mr. Harrison's estimate of 120 crores as the approximate total rupee circulation were assumed to be correct, this would mean that there was some 72 lakhs of 1835 coin still in circulation. This is perhaps rather in excess of the truth, the withdrawals of the current year having been about 41 lakhs, compared with about 66 lakhs last year.*

Mr. Harrison being absent from India, his usual note on the rupee circulation cannot this year be appended to the report.

Proportion of the several issues of Government Rupees in actual circulation in each Province in the years 1875, 1880, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1698, as ascertained by the examination, each year, of a bag containing R2,000 in every Government Treasury.

-			
In T	what	Year	examined.

	1875.	1880.	1885.	1886.	1887.	1888,	1889.	18go.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898
							1	NDIA.								
liam IV	5.52	3'5	3.	1.8	3.	2'15	118	1'35	1,3	1.12	1.1	1125	1,32	.7	•	.3
1840, 1st issue 1840, 2nd 19 1862 1874 1875 1879 1879 1888 1882 1883 1885 1885 1885 1886 1887 1888 1889 1890 1891 1892 1893 1899 1890 1891 1892 1893 1893 1899 1890 1891 1892 1893 1893 1899 1899 1899 1899 1899 1899	9°8 30°2 50°2 3°7 °85	8'05 24'45 41'55 1'15 2'55 2'9 6'25 4'4 4'5 '7	9'9 17'1 25'65 '95 1'25'65 1'7 6'1 4'4 4'6 5'3 '65' 2'35' 8'5 1'2	4'8 13'2 23'25 '9' 1'4 1'65 5'65 3' '5'55 4'2 '65 6'6 1'15 7'05 20'15 '95	4°7 12°55 40°5 °65 11° 12°8 4°45 3°05 3°1 37°5 7°05 11° 35° 7°05 11° 3	5'45 13'55 20'8 '555 1'3 1'55 4'15 3'1 4'15 3'1 4'16'25 5'3 2'5 6'75 1'3 2'6 65	2'55 11'5 20'65 '75 1'4 4'52'7 3'8 3'9 '4 4'45 1'75 5' 6'7 '9	3'35 10'9 19'2 '55 '95 1'45 3'0 2'9 2'45 3'2 1'45 3'2 1'45 5'5 5'5 6'7 12 8 '5 '5 '5 '5 '5 '5 '5 '5 '5 '5 '5 '5 '5	5'2 10'1 20'3 '7 1'1 1'3 3'4 3'3 '8 5'2 1'5 3'3 5'5 4'2 6'2 6'2 6'8 5'9 '7	4'3 7'1 14'9 '55 1'1 3'1 2'3 2'85 1'95 '1 3'05 '85 1'9 3'8 3'6 4' 6'5 4'25 9'8 20'75 1'1	3'3 8'1 16'9 1'1 3'5 2'3 3'1 2'5 3'3 2'8 '9 1'1 3'5 5'6 4'3 4'5 6'5 5'9 8'7 9'2 4'1 1'3	3'3 10'65 18'75 '6 1' 1'35 4'1 3' 3'4 2'55 8 2'05 4'5 2'9 3'35 3'95 4'7 7'1 5'9 6'7 5'2	2'9 11'6 20'95 1'65 1'55 1'85 4'25 3'1 3'2 2'7 1'35 3'8 3'75 4'05 2'75 4'8 3'8 5'4 4'75	2'4 10'5 17'3 '5 '9 1'2 3'7 2'5 3 1 3'1 1' 3'6 2'4'3 4'3 4'3 4'1 4'9 7'8 5'2	17'7 '6 11'1 1'5 3'9 3'4 3'1 '9 3'2 1'3 3'6 4'7 3' 6'5 4'9 6'6 6'8	2'4 10'1 20'3 1'5 1 2 1'4 4'8 3'2 3'2 3'2 3'2 3'2 4'5 2'4 3'6 3'8 4'7 4'8 7'6'20'
TOTAL .	100	100	100	100	100	100	100	100	100	100	100	100	100	100	+10D	10

[•] Last year's report shows figures for 14 months.

Proportion of the several issues of Government Rupees in actual circulation in each Province in the years 18, 1880, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, and 1898, as ascertained the examination, each year, of a bag containing R2,000 in every Government Treasury.

Time	mark at	-	examined.
433	AATTEL	ACEL	CHAILLIUCU.

	1					The residence of the later of t				7	1		
1875. 1880. 18	88 ;. 188	i6. 1887. :	1888.	1889.	1890. ;	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1800
										l			1000

CENTRAL PROVINCES.

William IV .	- dine		.8	-1-		3		1	1							-
	2,02	1.12		1'2	75	.6	.2	*7 .	'6	1.02	*5	.8	'75	*3	3	- 1
1840, 19t issue 1840, 2nd 1840, 2nd 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893	7'25	4*85 20'6 43'1 1*55 3'45 5' 11'25 6'4 1'7 '95	3°1 18°15 35°45 1°3 2°25 3°6 7°1 4°95 3°5 7°1 4°95 3°5 1°5 5°7 4°6 35°1 3°2 2°65	4'55 16'6 33'45 1'05 2'05 2'85 7'05 4'2 3'3 5'5'7 1'3 3'05 5'45 2'3	2'8 13'6 30'25 '95 1'8 2'7 5'5 3'85 3'1 4'75 35 4'9 1'25 6'9 8'35 5'25	3'5 13'6 20'2 165 2'5 5'05 2'5 3'44 2'85 4'45 7'4'3 1'05 2'85 5'8 7'4'3 1'75	3'35 9'65 25'7 90 1'6 22'2 4'75 2'95 4'2 '35 4'2 '35 3'9 1'1 2'95 5'6'3 12'8 2'7	2'95 11'8 25'2 -85 1'75 2: 4'4 2'85 3'8 -25 3'8 -25 3'5 -75 2'6 4'95 9'45 5'1	2*6 0*8 23*3 .77 1*4 1*9 4*3 .2*8 2*5 4*4 5 5 4*9 9*1 4*1 4*1 4*1 4*1 4*1 4*1 4*1 4*1 4*1 4	3'4 31'75 23'45 8 1'35 1'6 4'1 2'75 2'25 3'05 '55 3'3 4'05 3'9 6'5 4'3 6'55 6'6 1'65	3'7 8'75 19'9 65 1'4 1'55 3'45 3'05 2'45 3'05 2'45 3'05 3'05 3'05 3'05 3'05 3'05 4'1 6'45 4'1 6'25 6'6 7'6	3'1 9'65 20'8 '7 1'25 1'7 3'7 2'135 2'2 3'1 "3 2'25 3'1 "3 2'25 3'1 "3 3'55 3'7 5'9 4'05 6'2 6'1 6'16 6'16 6'16 6'16	3'4 10'1 20'05 '75 1'25 1'27 3'85 4'25 2'25 2'25 3'1 '3 2'75 1. 2'05 3'75 3'75 3'75 3'75 3'75 3'75 4'5 6'1 5'95 6'75 4'25	3'4 11'9 22'1 '7 1'7 4'2 2'65 2'2 2'85 2'2 2'85 '9 1'9 3'3 3'5 4'7 7'8 4'7 5'6	4'5 11'7 19'2 '7 1'3 2'4 2'1 2:8' 2'1 2:8' 3'6 4'4 4'1 9' 3'9 5'7	2 3 3 1 1 2 2 3 3 6 2 6 6 2 6 6 7 1
TOTAL	100	Ioo	100	100	001	100	100	100	100	100	100	100	100	100	7'9	31

BURMA.

W	Illiam IV .		2,32	1.45	1.45	1'25	1'2	'9	1,	1,	1.1	'85	*95	*8	1'05	.6	Ein.	1
	1840, 1st im 1840, 2nd 1862 1875 1876 1877 1878 1879 1886 1886 1886 1886 1886 1886 1886 1886 1886 1888 1888 1888 1888 1888 1888 1889 1889 1899 1	sue	6°1 25°05 61°55 3°6 1°35 3°6 1°35 3°6 1°35 3°6 1°35 3°6 1°35 3°6 1°35 1°5 1°5 1°5 1°5 1°5 1°5 1°5 1°5 1°5 1°	4'4 15'85 32'75 3'1 5'15 17'65 10'55 1'6 5'55 	4'95 11'75 22'65 1'65 2'3 1'6 8'85 6'2 3'7 6'3 2' 18'5 2' 5'5 6'	3'4 11'5 18'25 1'7 1'3 6'05 4'15 2'55 3'75 1'05 13'2 1'9 5'35 20'15 2'85	3'7 11'3 20'5 1' 1'5 1'3 6'2 3'7 2'7 3'9 6'2 1'1 13'9 6'2 1'1	3'8 10'7 19'4 1' 1'7 8'3 5'5 3'4 1'8 3'6 '8 9'3 2'2 5'1 11'1 6'9 10'7 1'1 1'' 1'' 1'' 1'' 1'' 1'' 1'' 1'' 1	3'8 11'9 19'3 1'2 1'8 1'4 5'8 3'6 '2 3'4 '8 9'1 2'1 5' 10'4 5'2 10'3 1'9	3'7. 10'05 18'75 1'4 1'75 1'3 5'15 3'35 1'65 3'25 65 3'25 4'05 9'2 4'6 14'3 1'7 2'35 1'95	3'5 9'8 18'1 1'2 1'6 1'2 5'7 3'3 2' 3'1 1'9 3'9 8'5 4'2 12'7 1'8 2'	3'35 8'75 15' 75 1'35 1'46 2'85 1'8 2'6 75 6'3. 1'6 3'4 6'85 3'05 10'9 1'8 3'55 11'75 6'15 4	3'3 8'5 14'25 '9 1'25 '8 3'85 2'4 1'25 2'15 5'85 1'25 2'8 6'4'15 13'1 4'8 6'45 6'5	2:85 7:8 13:5 :85 13:5 :9 3:95 2:45 2:3 :6 5:4 1:35 2:8 5:92 5:4 1:35 2:8 5:92 4:6 1:2	3'35'8'5 14'35'8'5 14'35'1'1'35'1'2'2'2'5'7'4'05'12'2'2'8'95'7'4'1'6	3'2 8'3 15'1 '9 1'2 1. 4'3 2'65 1'5 2'3 '65 1'4 2'8 5'15 1'4 2'8 5'14 2'8 8'5 1'4 2'8 8'5 1'4 2'8 8'5 1'4 2'8 8'5 1'5 1'5 1'5 1'5 1'5 1'5 1'5 1'5 1'5 1	3° 9'5' 16'1' '9 1'2' 1'14' 2'8 1'65' 2'35' 4'4' 2'8 8' 1'3 2'6 5'2'8 8' 1'7 3'7 7'3 2'8	345 1000 1675 128 128 129 129 129 129 129 129 129 129 129 129
1	TOTAL		100	100	100	100	100	100	100	100	100	100	100	100	100	100	001	100

ASSAM,

William IV	 8.3	5'4	4	3'75	3.8	3'2	3.1	3.3	2.1	215	17	1	1	1		100
1840, 1st i 1840, 2nd 1862 1874 1875 1876 2877 1878 1876 1881 1882 1883 1884 1884 1885 1884 1886 1889 1889 1890 1891	12.7	11°15 21°55 37°15 1°55 1°55 1°6 1°14 13°5 5°6 1°1	8'2 18'7 28'5 1'2 1'4 1'5 10'9 5'6 3'1 2'4 '7 4'6 2' '9	6'85 18'4 28'5 1'35 1'35 1'35 1'35 2'45 65 6'5 3'98 2'4 8'8 '3	6'4 19'3 28'4 1'1 1'3 1'6 9'4 5'8 3'2 2'2 '6 5'7 3' 4'2 3'8 	6'3 18'4 20' 1'4 1'4 1'4 1'4 1'4 1'4 1'4 1'4 1'4 1'	6·7 15·5 25·9 1·1·2 1·2 1·3 8·7 5·1 2·2 2·2 2·6 4·2 1·8 6·9 2·9 3·3 	6'9 12'5 22:7 1. 1'3 1'3 1'3 3'9 2'5 2'1 1'5 2'2 2'9 11'9 4'9 3'2 1'5	2'1 4'0 13'8 22'1 '9 1'4 1'2 7'5 4'1 2'4 3'9 2' 5' 2'1 4'7 5'6 '8 '1	2'3 5'6 13'2 22'4 '9 1'2 1'2 6'8 4'2 2'3 1'9 3'6 1'4 2'2 2'4 10' 4'2 4'9 2'5 1'2 '1	1'9 3'6 11'9 2'6 1'1 1'4 5'2 3'9 2'4 2' 6 3'5 1'58 5'2 2'8 8'7 4'8 5'3 4'1 1'7 2'2	1°65 4'2 10°3 10°35 10°35 10°35 10°15 3'45 2'15 1'35 1'4 3'6 1'4 3'6 1'4 3'6 1'4 3'6 1'4 3'6 1'4 5'05 2'8 2'15 5'05 2'8	1°65 4°35 10°45 10°45 10°45 10°55 8°1°25 1°25 6°3'8 2°25 1°75 3°55 3'35 1°55 3'35 1°55 3'55 3'55 3'55 3'55 3'5	123 195 195 114 614 212 118 212 118 413 212 715 315 414 511 214 514	5'5 10'6 19'5 7' 1' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6' 9' 5' 4	3 3
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

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proportion of the several issues of Government Rupees in actual circulation in each Province in the years 1875, 1880, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1898, as ascertained by

the examination, each year, of a bag containing R2,000 in every Government Treasury. In what year examined. 1875. 1880. 1885. 1886. 1887. 1888. 1890. 1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. BENGAL. 6.65 4'35 3'4 3.32 3'25 2'9 2'65 3.3 2.4 2'15 1840, 1st issue . 1840, 2nd , , 1.22 1.7 1'95 11'15
32'75
47'7
1'15'6
...
...
...
...
... 1'2 .7 7'3 21'75 31'85 2'05 2'7 2'8 15'1 9'6 1'7 6.65 17.9 27. 1.25 1.55 1.7 9.05 5.65 3.2 2.75 4.5 5.35 2.75 7.4 7'6
18'9
47'95
1'4
1'85
2'05
10'2
6'05
3'15
'6
5'95
2'65
2'95
1'8 7'6 16'9 27'6 1'1 1'5 1'85 9'15 5'5 \$'2 2'6 '4 8'3 2'2 2'75 7' 6'4 13'6 22'7 1'05 1'45 1'45 7'3 4'4 2'65 2'45 '4 3'8 1'55 3'65 11'2 5'15 4'05 10'15 17'2 '8 4'6 12'4 21'3 1'4 1'6 6'8 4.55 12.65 19.8 1.1 1.3 6.5 5.6 8.15 1.9 3.5 1.7 4.9 8.15 5.9 8.15 1.7 3'95 10'33 17'2 '9 1'15 4'55 10'0 18'1 3'95 11'4 18'7 '9 1'1 1'3 5'3 3'25 2'1' 3'9 12'2 19'5 '9 1'3 1'4 5'2 3'3 2'4 4'2 12'4 19'5 1'3 1'3 5'3 3'3 2'1 1'9 13'8 2'2 5'3 3'3 4'6 1874 2875 1876 1877 1878 1880 1881 1882 1882 1883 1885 1886 1887 1888 1889 1890 1891 95 1'15 1'3 5'05 3'2 2'1 2'85 1'05 1'2 5' 1'8 1'8 2'85 1'6 2'15 6'4 3'1 4'55 6'8 3'1 4'3 2'5 2'4 1'3 3'2 1'5 3' 5'6 2'7 000 2'9 1'3 1'8 3'9 2'2 5'5 3'1 4'1 32.7 1.25 1.6 3.9 2.2 5.9 3.1 4.2 6.35 3. 8.1 6.3 3 2·8 1·15 1·75 4·05 2·15 5·9 3·05 4·1 6·25 ***

*** 000 Q.8 000 3.05 8.8 5.35 9. 1.1 3. 6.7 5.5 ... TOTAL 100 100 100 Iou 100 100 100 100 100 100 100 100 100 100 100 NORTH-WESTERN PROVINCES AND OUDH. . 0.3 5'05 4'7 3.85 3.3 3'35 3'25 2'9 '95 1840, 1st issue . 16.6 38.05 35.8 '3 '05 .6 10'2
22'75
30'3
1'
1'4
2'05
7'75
5'1
2'85
'2
2'75
1'05
1'3 8·3 22·5 27·7 9 1·4 2 9'9
21'05
29'1
'9
1'45
2'1
7'4
5'25
4'8
2'65
'3
2'75
1'3
1'8
2'9
2'35 9'4 21'7 28'8 9°1 19°85 26°6 85 1°35 1°75 7°1 5°2 4°25 2°8 7'8
19'6
27'1
'9
1'3
1'6
6'9
4'8
2'8
'3
3.
1'
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4'5
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2'2
1'5
'2 7°3 20°2 26'2 27'9 31'4 1'15 1'85 2'4 8'6 6'4 3'9 8.5 7°2 17° 23°75 7.65 17.6 24.3 9 1.3 1.65 6.1 4.35 3.9 2.7 35 2.6 1.35 2.1 7'1 16'8 23'4 7'2 17'2 23'3 1'3'7 5'8 4'1 3'7 1'3'7 1'1 2'3 3'3 2'7 1'3 3'3 2'7 2'5 3'1 2'5 3'1 2'5 3'1 7'4 16'6 23'5 '9 1'3 1'5 5'8 3'6 2'6 25'4 9 1'35 1'85 6'5 4'5 4'15 2'8 2'75 1'05 1'9 4'4 2'5 2'5 2'45 1'45 '85 1.3 1.7 6.6 4.4 3.8 3.7 3.7 2.7 1. 2.1 4.5 2.5 2.6 2.6 2.5 2.5 1.35 1.8 6. 4.2 3.9 2.75 4.5 2.7 1.2 2. 1'2 1'9 5'0 4' 3'9 2'7 '4 2'6 1'1 1'9 4'2 2'3 3'3 3'3 3'1 2' 7'3 5' 4'6 2'8 *** 7'5 5'5 4'6 2'7 '2 2'6 1' 1'8 3'7 1'8 879 880 881 882 883 884 885 886 887 888 000 000 000 000 000 000 000 000 000 *** 3.9 1.1 1.0 3.8 3° 1°05 2°05 4°4 2°5 1°75 1°65 2.6 1.8 4°25 2°3 3°05 2°7 2°15 2°15 1°3 1°65 4'05 2'4 3'05 2'55 2'25 2'45 1'7 000 4' 2'2 3'2 2'7 2'6 3'7 2'4 3'5 2'4 ••• ••• ••• ••• *** 155 ••• 000 ···· 9°25 *** ... TOTAL 100 100 100 100 100 100 Ion 100 100 100 100 100 100 100 Lop 100 PUNJAB. n IV 10'05 4'3 3.7 3.65 3'4 3'1 3.1 3'4 3'1 2'9 2.8 2.8 214 1.1 -8 20'5 43'6 25'8 '05 10°95 27°7 21°75 6 6 6 1°55 9°45 7°3 14°7 1°95 7.6 20.7 20.2 .555 .85 1.4 7.1 5.4 10.3 4.1 .1 2.2 .5 3.1 12.55 8°11 20°2 21°2 7°7 1°5 6°9 5°2 8°5 4° 1°1 2°4 3°1 11° 2°2 ... 9'4 18'9 21'i 9.7 17.5 21.4 .7 1.6 6.5 5.2 8.2 3.7 8.6 17.6 21.3 .6 .9 1.5 6.3 4.9 7.7 3.7 8.8 .8 10.0 9.8 7.6 15.9 19.95 6.8 7'4 15'8 20'6 '7 1'1 1'5 5'3 4'1 5'4 3' 17'3 21'1 '6 1'1 1'7 6'48 6'9 3'9 '2 2'7 2'6 9'2 2'9 1'8 2'6 1'1 '5 17.7 21.25 65 95 1.65 5.95 1'4 5'2 5'7 5'4 1'05 1'5 5'65 4'25 5'8 3'2 1.6 6.3 5.2 8.4 3.7 1'4 5'4 5·3 3·15 ·2 4'
6'35
3'45
'4
2'5
'65
2'55
8'1
2'9
1'9
2'55
2'1
1'45
1'5 *** 3. 3.2 2'8 '5 3' 9'6 3'1 1'4 2'1 2.2 2.0 10.1 3.2 .0 1.1 2.65 '8 2.6 2.3 3°2 10°4 3°3 ••• '8 2'1 6'1 2'5 2'2 2'6 2'6 3'3 3'3 3'3 2.4**5** 6.8 2° 6° 1 2° 55 2° 2 2° 6 3° 3 3° 1 3° 1 2° 3 2'2 5'8 2'4 2'3 2'5 2'7 3'3 3'2 3'2 2'4 2.7 2.1 2.05 2.55 2.8 2.9 2.1 ... 100 000 100 201 000 000 000 000 000 000 000 000 100 001 001 *** 007 '01† '06 TOTAL 03 100 100

100

100

100

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100

100

100

100

So shown in the returns, which must, however, be erroneous, as no rupees were coined in 1894. So erroneously, shown in the returns, as no rupees were coined in 1895. The error was confi The error was confined to a single treasury.

Proportion of the several issues of Government Rupees in actual circulation in each Province in the years 18, 1880, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1898, as ascertained the examination, each year, of a bag containing R2,000 in every Government Treasury.

		-2-2322	-			It	what 3	year ext	mined.					Annual Control of the control of the		
	1875.	188o.	1885.	t886.	1887.	t888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897,	180
					•		MA	DRAS.	1	1	1	1		,	1	
	2.6	2.65	1.85	2:25	1.85	1'45	1'45	1'3	1,1	1.12	195	,0			.3	
1840, 1st issue . 1840, 2nd ., 1862 . 1874 . 1875 . 1876 . 1877 . 1878 . 1879 . 1880 . 1882 . 1883 . 1884 . 1885 . 1886 . 1886 . 1888 . 1890 . 1891 . 1891 . 1892 . 1893 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1898 . 1899 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1898 . 1899 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1898 . 1899 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1897 . 1898 . 1899 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1898 . 1899 . 1899 . 1891 . 1892 . 1893 . 1894 . 1895 . 1896 . 1897 . 1897 . 1898 . 1899 .	8°05 31°35 57' '8 	7'2 26'85 46'35 '9 2'3 3'55 4'35 3'3 1'8 7'5 	5'9 23'55 40'5 1' 2' 2'65 5'2 3'75 2'55 4' 33:2 '95 2'5 0'5	6'55 20'5 39'1 '95 2'05 2'75 5'25 3'7 2'1 4'4 '25 3:55 1'2 3'8 1'55 '05	6'15 20'55 39'15 '85 1'95 2'7 4'75 5'6 2'3 4'05 '25 3'4 1'05	5'15 19'25 35'6 1'7 2'7 2'8 3'5 2'25 4'18 3'5 2'25 4'15 '25 3'4 1'7 5'45 3'4 1'5 2'4 '7	4.85 18.45 33.45 9 1.65 2.25 4.45 3.15 2.3 3.65 1.65 1.65 1.435 3.15 3.15 3.15 3.15 3.15 3.15 3.15 3.	6'3 13'85 30'1 '8 1'6 2'15 2'9 2'3 3'2 '3 3'25 3'65 3'8 1'75 4'95 '4'5 4'95 '4'5 '4'5 '4'5 '4'5 '4'	3'65 10'6 30'55 '75 1'75 2'85 4'15 2'85 1'95 3'45 '9 3'4 3'55 1'55 4'95 2' 4'95 2' 1'95	4'15 13'3 30'25 '8 1'59 3'9 2'8 2'28 2'28 3'15 '6 3'5 1' 4'55 6. 5'4 2'7 1'8	3*165 28*35 28*35 1'7 3*65 2*85 1'9 3*1 285 3*55 3*45 1*55 5*3 4*55 5*3 4*55 5*3 4*55 5*3 6*35 2*35 6*35 2*35	3'35 13'5 26'95 1'8 3'8 2'65 1'85 3'05 1'85 3'05 3'3 1'65 4'55 5'3 5'95 3'4'1 2'6 4'05 1'2	3°0 12°35 25°3 775 1°8 3°65 2°65 1°9 3° 4°4 3°2 1°15 2°95 3°35 1°15 2°95 3°35 1°45 4°35 4°45 4°45 4°45 4°45 4°45 4°45 4	12'9 26'9 1'75 1'65 2'8 2'5'1'6 1'65 2'8 2'5'1'8 2'9 3'5 1'8 4'4 4'7 5'3 4'6 3'8	3.7 1 25.1 25.1 27 1.3 2.6 1.8 2.9 2.7 3.3 1.8 4.4 4.6 5. 6.3 3.9 	3 13 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 2 2
TOTAL .	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	10
2 31			-				BOM	BAY.							,	
lliam IV	1.85	1'05	*85	- 53	*65	°63	*55e	.53	*4	*45	*35	*5	*45	'2	*2	*2
1840, 1st usue 1840, 2ad ,, 1862 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1883 1884 1886 1887 1889 1890 1891 1892 1892 1893 Surat, Arcot and Portuguese.	5. 19'1 62'3 5.7 60'5 	3'15'3 38'15 1'65 3'1 '65 3'1 4'05 7'6 8'3 9'7 8'1	2'5 12'95 30' 1'15 1'95 2'7 5'35 4'4 5'8 8'05 '55 8'05 '55 8' 2'225 8'5 4'7	4'55 9'95 28'95 1'95 1'95 1'95 4'65 3'75 4'77 7'8 4'715 1'6 6'1 9'75 4'75 	3 10 15 25 75 8 1 55 2 15 4 15 3 1 4 4 0 5 6 3 1 3 5 5 8 5 1 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5	1'95 8'6 21'6 -8 1'4 1'85 3'45 2'75 3'5 3'5 3'5 5'35 5'35 1'1 5'25 9'05 	2*15 9*35 21*95 21*95 7 1*25 3*4 2*65 3 4*95 *85 4*195 *85 4*145 5*9 6*95 8*45 5*9 6*95 8*145 8*	1'95 8'55 21'75' -65 1'35 1'65 1'35 1'65 3'55 2'55 4'85 '5' 4'85 '5' 5'6 8'35 7'1 7'65 	1'65 7'65 19'9 1'2 1'45 2'95 2'25 2'26 4'25 3'45 '8 3'05 5'05 4'1 4'35 7'15 5' 11'05 10'15 	2°25 8°45 20°75 1°55 1°145 2°95 2°25 4°1 3°25 8°8 2°05 4°8 3°4 4°8 3°4 4°8 3°4 4°5 3°8 9°95 2°85 	1'4 7'25 1'86 1'15 1'15 1'15 1'15 1'25 2'35 1'75 3'2 2'35 1'75 3'2 2'9 8 2'3 3'8 2'8 2'8 2'8 3'8 4'55 4'75 8'3 7'15 10'15 8'45	6.85 17.4 15.55 19.3 2.5 11.3 2.5 11.3 2.5 11.3 2.5 2.7 2.7 2.7 2.7 2.7 2.7 3.8 3.8 3.5 4.7 5 4.3 8.3 8.3 1.3 8.3 1.3 8.3 1.3 8.3 1.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8	1'8 7'6 18'2 '55 1'3 2'45 2'2 3'2 '265 '75 2'2 3'75 2'75 3'3 4'75 3'9 8'05 6'75 9'35	2°1 1977 1°6 1°1 1°4 2°9 2°2 2°4 3°2 2°7 8°8 2°5 3°5 3°5 4°5 4°5 4°5 8°1	8'9 8'9 1'1 1'3 2'9 2'5 3'2 2'5 3'2 2'7 3'6 2'7 3'6 4'5 4'7 9'7 5'9	2° 9'00 2000 1'22 1'31 3. 2'33 2'33 3'3 2'3 3'3 3'3 2'3 3'5 4'4 4'2 9'5'5 5'9 6'9 6'9
TOTAL .	Tou	100	Ino	100	100	100	100	100	100	100	100	001	001	100	100	\$0
		-				HY	DERAB	AD (B	ERAR)	0						
		1886,	11	887.	1888.	1889.	1890	. 1	891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
1840, 18t issue	tand	2°11 9°1 30°7 1°0 2°13 4°9 3°5 3°5 7°3 1°4 4°6 1°14	55 55 55 55 55 55 55 55 55 55 55 55 55	***	1 45 9 45 25: 8 1 6 1 95 4 3 3 05 2 75 5 1 1 35 5 05	"3 1"/! 19 00 15 14 219 19 19 19 19 19 19 19 30 60 27 71 46 54 78 22 22 23	3 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	'5 '9 '4 '3 '7 '7 '6 '6 '19 '19 '19 '19 '19 '19 '19 '19 '19 '19	"4 2'5 7'1 19'8 '5 1'2 1'4 2'2 1'9 2'7 4'4 4'5 5'2 11'6 7'7 7'7 10'3 5'6	*4 1:3 7:85 20'7 *6 1:25 1:7 3:3 2:3 2:3 3:4 6:4 3:9 4:9 9:5 6:1 10 8 1:6	3 114 611 1612 15 114 217 119 113 31 32 17 211 316 315 318 71 418 15 1218 315	**6 2. 8 * 6 5 18 * 7 * 65 1 * 05 1 * 5 3 * 1 * 95 1 * 3 * 2 2 * 8 * 7 5 1 * 95 3 * 5 3 * 05 6 * 7 1 * 10 * 05 6 * 6 * 8 *	-45 18 8'3. 19'4 '65 11 1'05 3'15 2.1 1'95 2'9 '25 3' '75 2'1 3'05 3'1 4' 6'2 4'7 7'2 6'15 9' 6'45	3'2 7'8 17'6 '5 8' 1'2 2'7 1'6 2'7 1'7 1'6 2'7 2'2 3'3 15 2'7 2'7 3'3 4'4 7'1 7'	8.7 8.6 10'1 1.'6 11'1 1.'5 3'1 2'2 3'1 2'3 3'1 3'1 3'1 3'1 3'1 3'1 3'1 3'1 3'1 3	2:3:50° 40° 41° 55° 55° 55° 55° 55° 55° 55° 55° 55° 5
Portuguese.		0-8 0			000	505			po-	***	49	***	4=+		00	
The state of the s	1840, 1st issue 1840, 2nd 1874 1875 1876 1877 1878 1881 1882 1883 1884 1889 1890 1882 1882 1882 1883 1884 1885 1886 1887 1886 1897	Isam IV	Isage 1840, 1st issue 1805 72 1840, 2nd 1871 185 1872 1876	1840, 1st issue 8'05 7'2 5'9 1840, 2nd 9 31'35 26'85 23'35 1874 9 1'875 8 2'3 2' 1876 9 1'8 2'55 1877 9 1'8 2'55 1879 9 1'8 2'55 1880 9 1'8 2'55 1882 9 1'8 2'55 1882 9 1'8 2'55 1883 9 1884 9 1890 9 1'8 1'5	IBao, 1st issue 2-6 2-65 1-85 2-125 1840, 2nd 19 31-35 26-95 23-95 20-95 1874 2-9 1 -95 1874 2-9 1 -95 1876 3-3 3-75 3-75 1876 3-3 3-75 3-75 1877 3-3 3-75 3-75 1879 3-3 3-75 3-75 1880 3-3 3-75 3-75 1882 3-3 3-75 3-7 1882 3-3 3-75 3-7 1883 3-3 3-75 3-7 1884 3-3 3-2 3-75 1884 3-3 3-2 3-75 1885 3-3 3-2 3-75 1886 3-3 3-2 3-75 1890 3-3 3-75 1891 3-3 3-75 1892 3-3 3-75 1893 3-3 3-75 1894 3-75 3-7 1877 3-76 3-76 1878 3-76 3-76 1879 3-776 3-776 1879 3-776 3-776 1870 3-776 3-776 1870 3-776 3-776 1870 3-776 3-776 1870 3-776 1870 3-776									1875 1886 1885 1885 1885 1887 1888 1889 1890		

EXCHANGE OF SMALL COIN.

57. The receipts and issues of small change at the Currency Offices during the year were as follows:—

				Recei	ots.		Issues	3.		Net Issu	ės.	
				R	a.	p.	R	a.	p.	R	a.	- P
Half Rupees .	•	•	,	17,16,301	8	0	18,80,228	8	. 0	+1,63,927	0	0
Quarter Rupees	•	٠	٠	25,99,572	0	0	24,66,963	0	0	-1,32,609	0	0
One-eighth Rupees				18,92,905	2	0	16,02,665	0	0	-2,90,240	2	0
	TOTA	L		62,08,778	10	0	59,49.856	8	0	-2,58,922	2	0
TOTAL	1896-9	7		30,55,280	14	0	58,87,380	10	0	+28,32,099	12	0

There have been rather larger issues and much larger receipts of small silver compared with the previous year. The result being a net receipt of 2,58,922 against a net issue of 28,32,100, in the previous year, this being due to the large return of small coin from circulation owing to the cessation of the Famine during which the issues were abnormally large to provide for the payments in connection with relief operations.

AGENCIES.

58. The only Province in which the Currency Agency system, properly so called, is at all thoroughly worked, is the Punjab. The issue of notes from the Agencies in that Province at Simla, Rawal Pindi, Umballa and Peshawar shows a very large increase, the total issues amounting to 3,26 lakhs against 2,32 lakhs in 1896-97, and 1,69 lakhs in 1895-96. The issues from Agencies form a very large proportion (27 per cent.) of the total issues in this Circle.

59. The other so-called Agencies are really Currency chests, where exchanges with the public are not made, but where a portion of the reserve coin or surplus notes from the Treasuries are temporarily stored to avoid unnecessary remittances.

60. At the end of the year, the total number of Currency chests including agencies was 208 against 148 in 1896-97, the total balance of coin deposited in them being about 7,51 lakhs of rupees against 6,70 in 1896-97, distributed as follows:—

niows :-					1 996-97.			1897-98	3.	
					R	a.	p.	R	a.	p.
Calcutta C	irele				1,89,13,171	4	0	1,59,54,688	8	0
Ailahahad	33			•	96,00,000	0	0	1,02,86,000	0	0
Labore	#1	•			1,44,58,577	U	0	1,42,74,302	8	0
Bombay	29				54,25.000	0	0	89,03,454	0	0
Madras	13				1,41,47,500	0	0	1,82,25,049	10	0
Rangoon	33	•	•	•	44,92,680	0	0	74,17,480	0	0
					6,70,36,928	4	0	7,50,60,974	10	0

Steps are however being taken to reduce the number of these chests, the opening of many of which was due to the abnormal circumstances of the year.

CLAIMS ON LOST NOTES.

61. The following is a statement of lost and mutilated notes vaid during the year on bond of indemnity:—

Nature of loss.	-	,	Numb	er of no	tes for	Rupees	3		To	FAL.
rvature or 1033.	5	10	20	50	100	500	1,000	10,000	Number	. Value
Whole notes, lost or destroyed Half notes, { lost by post lost accidentally Mutilated notes 1897-98 1896-97 1895-96 .	2 29 11 9 51 42 39	57 123 148 206 534 471 365	5 48 46 4 103 88 137	78 75 7 161 124 101	44 311 234 51 640 485 412	1 24 13 6 44 34 24	6 17 2 25 12 22	000	110 619 544 285 1,256 1,256	5,630 55,335 53,105 12,635 1,26,705 90,830 80,835

Both the number and the value of these claims increased during the past year, the most noticeable increase being in the case of half notes lost in the post, the numbers of which were unusually large. The figures for the past six years being 341, 395, 359, 280, 486 and 619, respectively. Notes lost by theft are not included in the above statement, as no claim lies on their account against the Department. The names and addresses of presenters of stolen notes are ascertained and communicated to the Police, but these proceedings do not often lead to the recovery of the value of the notes by the rightful owners. In Calcutta however 50 cases were referred to the Police during the year, in 9 of which convictions followed.

FRAUD AND FORGERY.

62. The forged notes presented during the year have been the following:-

Circle	in whi	ch pres	ented.		R ₅ .	Rio.	R20.	R 50.	Rico.	R500.	R1,000.	TOTAL
Calcutta	٠	•	•	•	4	139	•••	•••	1	•••	4	148
Rombay			٠		***	0 = 0	***		***	1		
Madras		•			***	•••	•••	400	904	.1		
Allahabad	•	•	•		•••	6	***	***		3	4	13
Lahore	٠	•	٠		•••	2		•••		***		2
Rangoon	•	•	•	•	1	700	•••	•••	•••	***	• • •	1
		Ton	TAL		5	147		•••	I	5	. 8	166

The number is much larger than usual, the chief increase being in Calcutta, but the large number was entirely due to the forgeries of the $\frac{V}{17}$ series of the R10 notes referred to last year, and of the $\frac{V}{71}$ and $\frac{X}{70}$ series, variations of the same forgery, and of the $\frac{X}{81}$ series of R10 notes, which there is also reason to believe from its execution was closely connected with the others and probably issued by some members of the same gang.

63. Of the Calcutta forgeries, the 4 forged notes for R5 all belong to old forgeries, 3 being of the R series referred to in the Annual Report for 1887-88 and one of the o series referred in the report for 1891-92. Of the R10 notes, 98 were of the $\frac{v}{17}$, $\frac{v}{71}$ and $\frac{x}{70}$, 38 of the $\frac{x}{61}$ series, 1 of the $\frac{x}{20}$ series and 2 of the $\frac{v}{i}$ series. With regard to the $\frac{v}{i}$ notes, of which the $\frac{v}{i}$ and $\frac{x}{i}$ series are merely variations, the actual forgers have not yet been detected, although, from their general execution and other information, there is, as stated above, reason to think they were probably executed by persons connected with the x forgery alluded to below, But one man, Hati Ram Kalwar of Ballia, was convicted for uttering these notes and sentenced to five years' rigorous imprisonment and a fine of \$500. The forgery is a good one, and the notes have been somewhat extensively circulated forming the majority of those (reported to be 567 in number) which have passed through the hands of the Police during the year under notice. The Bengal Government has offered a reward of R500 for the detection of the forgers. The other important forgery, that of the x series, has been traced, and the gang concerned in its execution broken up by the Police. It resembles in execution the v forgery, and is also a good forgery. Seven men, vis., Rajani Kantha Datta and others, were tried by the Sessions Judge of Nadia for being concerned in this forgery, and were, on conviction, sentenced to ten years' rigorous imprisonment each. They have appealed to the High Court, but the case has not yet been decided. The x series note was a new forgery, but an inferior hand-made note. The forgery has not been detected. The Useries is an old forgery referred to in the Annual Report for 1892-93. The forged note for R 100 of the V series was merely a pen-and-ink sketch; the utterer was convicted and sentenced to 8 years' imprisonment. Of the 4 Calcutta notes for R1,000, one belonged to the V series known as the Cawnpore Forgery of 1894-95. Two notes belonged to the v series—they were poor penand-ink productions. Two utterers of these were convicted and sentenced to five and ten years' imprisonment, respectively. The remaining note belonged to the * series. It is a new forgery and is a good specimen. It was presented at the Currency Office by one Moti Lal Ghose, who was committed for trial, but acquitted by the jury, apparently for want of sufficient evidence of guilty knowledge. The perpetrators of this forgery have not been detected, but the Currency Office is still in communication with the Police on the subject. The Bombay forgery was an old one. The utterer was convicted and sentenced to three years' imprisonment. The Madras forgery was merely a photograph of a R500 note on a reduced scale, smaller than a R5 note. No one was convicted in this case, as it seemed clear that the possessors of the note were innocent of fraudulent intention, and the person from whom they obtained it was dead. Of the Allahabad forgeries, one note for R1,000 of the $\frac{x}{6a}$ series was found by the Police in a box with some papers used for forgery in the house of two men who were tried, but acquitted. The note was merely a pen-and-ink drawing. Two notes for R 1,000 of the A, series, a new badly executed forgery, and two for R 500 of the series were detected in Fyzabad, in possession of one Ram Sarup, who was convicted for uttering the same and sentenced to 7 years' imprisonment. In the same circle at Benares, one Ram Narain attempted to pass a forged note for R500, of the R Calcutta series, and another note for R1,000, of the Calcutta series, an old indifferent forgery, was found in his possession. The

utterer and another man, Durga Pershad, stated to be a notorious forger, were convicted in this case and sentenced to 10 years' imprisonment, respectively. The Reforgery is an old one, of which several previous cases have been reported. All the other notes discovered in this circle were varieties of the Verification notes forgeries of Calcutta. In one of these cases a conviction was obtained for uttering. The Lahore cases were also of the same forgery. The only forged note discovered in the Rangoon circle was an old forgery—a R5 note of the Rangoon circle was a

64. There were a few cases of the usual kind of fraud in connection with claims on half notes, the presenters alleging themselves to have been in possession of the entire notes at a time when one-half of the notes were in the Currency Office. In the case of Narayan Patel of Belgaum, whose acquittal on a charge of this nature was mentioned in para. 64 of last year's report, an appeal was preferred, and on re-trial the accused was sentenced to a fine of R100, or imprisonment in default. The case at Bangalore, alluded to in the same paragraph as under enquiry, resulted in an acquittal. Three other cases of the same nature in Madras are at present under enquiry. In Calcutta, the case of Koylash Nath Sanyal referred to last year was tried, but resulted in the accused being merely convicted of having given false information to a public servant and sentenced to a fine of R20. In the case of Ramanath Mahapatra, also referred to last year, the accused was convicted of attempt at cheating and sentenced to imprisonment for six months. In a similar case, one Sarada Prasad Mitra presented a false claim in December 1897, and on conviction was sentenced to imprisonment for one month and a fine of R50. Four other similar cases which arose during the year are still under enquiry. A case also occurred during the year, in which an attempt was made to pass a cancelled currency note for Rt,000 into circulation.

REMITTANCES OF SILVER.

65. The following is the detail of the silver remittances sent during the year:—

Through Circle Offices-					
Madras to Calcutta			. i		30,00,000
Bombay to ,,			4		1,00,00,000
,, to Lahore	0				45,00,000
,, to Rangoon		•	۰.		30,00,000
Calcutta to "	•				20,00,000
Bombay to Karachi					60,000
Lahore to ,,					15,00,000
Uncurrent Coin-					
Allahabad to Calcutta	•				8,36,405
,, to Bombay					6,69,400
Lahore to					8,91,780
Punjab to ,,					18,75,410
Through agencies—					7,077
Madras to Calcutta age	encies	in Be	ngal		36,00,000
Lahore to Allahabad					50,00,000
Ajmere to "					10,00,000
Madras to Central Pro	vinces				51,00,000
Allahabad to				. 9	10,00,000
, to Calcutta					40,00,000
Ajmere and Sambhar t	o Pun	iah			30,00,000
to Bombay		Juo	•	•	18,50,000
Calcutta to Akyab	•	*	•	•	
Carcuta to 22nyab	•	0	•	0	10,00,000

Tr	easury R	emittan	ces-			
						To + From -
	India .					-21,00,000
	Central	Provinc	es			+ 18,00,000
	Assam					+ 8,00,000
	Bengal		4	4		-9,00,000
	97 41 37	37 4	Danie			4

Madras Bombay - 3,00,000

During the first half of the year, the remittances were directed mainly towards supplying the heavy requirements of the famine in the North-Western Provinces, the Central Provinces and Bengal. The North-Western Provinces were supplied through the Currency Department with fifty lakhs from the Punjab and ten lakhs from Ajmere and 14 lakhs through the treasury, while the Central Provinces and the Bengal Treasuries received 51 and 36 lakhs, respectively, through the Currency Department from Madras. The Central Provinces also received 18 lakhs through the Treasury. The famine was over in the North-Western Provinces sooner than in the other provinces, and they were able to remit ten lakhs to the Central Provinces in September and October. There was a heavy demand for coin in Calcutta almost throughout the year, and this was met by heavy remittances from Madras and Bombay, and the North-Western Provinces and Oudh also, after the latter had recovered from the famine. During the second half of the year, the war on the North-Western Frontier created a heavy demand for coin in the Punjab, and 45 lakhs were sent from Bombay and 30 lakhs from Ajmere and Sambhar. The heavy exports of rice from Burma also necessitated remittances to Rangoon of 30 and 20 lakhs from Bombay and Calcutta, respectively, and 10 lakhs to Akyab, besides which heavy remittances were made from Calcutta to Akyab by some of the Exchange Banks.

DISTRIBUTION AND ABSORPTION OF SILVER.

66. The absorption of whole rupees during the year, as compared with the previous year, is shown below:-In Lakhs of Rupees,

•			1896-97				18	397-98.		
	April to June.	July to Sept.	Oct. to Dec.	January to March.	Total April to March.	April to June.	July to Sept.	Oct. to Dec.	January to March.	Total April to March.
Opening Balance— Currency	17,97	19,78	18,93	15,29 3,43	17.97 7.87	13,75 6,54	13,39 5,60	14,8t 2,93	13,80	13,75 6,54
TOTAL	25,84	26,88	24,07	18,72	25,84	20,29	18,99	17,74	17,33	20,29
Closing Balance— Currency	19,78	18,93	15,29	13,75 6,54	13,75 6,54	13,39 5,60	14,81	13,80 3,53	14,51 6,80	14,51 6,80
TOTAL .	26,88	24,07	18,72	20,29	20,29	18,99	17,74	17,33	21,31	21,31
Not Difference + or - Deduct - Remittances	-1,04	+ 2,81	+ 5,35	-1,57	+5,55	+1,30	+1,25	+41	-3,98	-1,02
to Mint for recoin-	-1	-9	— 45	− 9	-64	-19	-16	-20	-2	-57
Net absorption (+) or return from circulation (-)	-1,05	+2,73	+4,90	-1,66	+4,91	+1,11	+1,09	+21	-4,00	1,59
Net receipts into (+) or payments from (-) treasuries	-1,96	-1,57	-4,91	+6,21	-2,63	-2,69	-3,56	+2,35	+6,01	+2,11
Active Currency Note circulation increase (+) decrease (-)	+ 2,38	-1,03	-93	-1,43	-1,01	13	+99	-2,52	-2,63	-4,39

67. The following statement shows the distribution of the absorption shown above by circles and provinces:—

In Lakhs of Rupees		In	Lakhs	of	Rupees
--------------------	--	----	-------	----	--------

			1896-97	•				1897-98.		
CIRCLE OR PROVINCE.	April to June.	July to Sep.	Oct. to Dec.	January to March.	TOTAL.	April to June.	July to Sept	Oct. to Dec.	January to March.	TOTAL.
Calcutta Allahabad Lahore Hombay Madras Hurma Assam Central Provinces	-1,07 -16 +23 +41 -30 +9 -25	+3,65 +24 -62 -3 +37 -85 +11	+1,92 +79 +48 +98 +2 +28 +8 +35	-83 -40 -1,00 +40 -1,25 +2,04 -10 -46	+3,67 +37 -1,20 +1,58 -45 +1,17 +18 -41	-29 +57 +60 -36 +76 -3 +9	+1,71 +5 -14 -1,16 +1,13 -87 +8 +29	+22 -39 +90 -15 -8 -16 -9	-93 -20 -97 -18 -3,10 +1,73 -20	+71 +3 +30 -1,85 -1,29 +67
TOTAL .	-1,05	+2,72	+4,90	-1,66	+4,91	+1,11	+1,00	+21	-4,00	-1,5

The net exports during the year fell short of those of the previous year by 3,58 lakhs, while there was a net receipt in the treasuries of 2,11 lakhs against a net payment of 2,63 lakhs in the preceding year. There was consequently a heavy falling off in the demand for coin, and 1,59 lakhs came back from circulation against a net absorption of 4,91 lakhs in the previous year.

During the first quarter there was an increase in the net absorption of coin in all the provinces except Bombay, mainly in consequence of the heavy expenditure on account of famine in most of the provinces and of the general rise in prices which necessitated an increase in the circuit medium of exchange. In Bombay, the effect of the famine outlather the rise in prices was more than counterbalanced by a serious decline in the exports of cotton and seeds, which fell short of those of the previous year by 1,01 and 1,17 lakhs, respectively, and as a consequence 36 lakhs came back from circulation against an absorption of 23 in the corresponding period of the previous year.

During the second quarter, there was a decrease in the absorption of coin, 1,09 lakhs only having passed into circulation, against 2,72 lakhs in the same period of last year. The decrease occurred mainly in Calcutta and Bombay, owing to a heavy falling off in the value of opium exported and an increase in the circulation of currency notes. The circulation showed an increase of 99 lakhs during the quarter, while in the corresponding period of the previous year there was a decrease of 1,03 lakhs.

During the third quarter, there were no important variations in the net exports of the two years, but there was a considerable increase in the net receipts of the treasuries, notwithstanding a heavy expenditure on the war on the North-Western Frontier, partly in consequence of the recovery of the country from the famine and partly of the stoppage of Council Bills for nearly 2½ months of the quarter. This heavy increase in the net receipts of the treasuries led to the absorption of only 21 lakhs of rupees during the quarter in place of 4,90 lakhs in the corresponding quarter of the previous year.

During the fourth quarter, the country recovered from the famine, but the relief afforded to the treasury balances was more than counterbalanced by the heavy Military Expenditure on the North-Western Frontier. The net exports, however, fell short of those of the corresponding period of the preceding year by 2,72 lakhs, and as a consequence 4,00 lakhs of rupees came back from circulation against 1,66 only in the previous year.

68. The following statement compares the distribution of whole rupees at the end of 1897-98, with that at the end of the two previous years:—

	157	APRIL 18	ig6.	187	APRIL	1897.	IST	APRIL 1	898.	P1	RECENT	AGE.
•	Currency.	Treasury.	Torate	Currency.	Treasury.	Total	Carrebay.	Treasury.	Torat.	1896.	1897.	1898.
India Treasuries Central Provinces Burma Assam Bengal (Including Reserve Treasury and Calcutta) North-Western Provinces	11 19 1,52 22	41 34 1,03 26	52 53 2,55 48 4,87	19 .1,23 28 2,42	29 39 63 19	48 39 1,86 47	13 19 1,12 33	41 50 58 32	54 69 1,70 65.	2°01 2°06 9°88 1°80	2'37 1'92 9'17 3'32	8'54 3'24 7'98 3'05
Punjab	2,09 2,72 4,21 3,33	1,25 74 1,27 1,25	3,34 3,46 5,48 4,58	1,36 2,68 3,71 1,88	1,12 63 1,03 1,07	2 4 ⁴ 3,31 4,74 2,95	1,34 2,29 3,38 3,06	87 49 1,38	2,21 2,78 4,76 4,11	12'04 13'41 21'23 17'74	17'79 12'22 16'31 23'36 14'54	18° (6 10°37 13°05 22°33
TOTAL .	87,94	7,87	25,81	13,75	6,54	20,29	14,51	6,80	21,31	-	10000	

The statement shows that there is an accumulation in Madras and a deficiency in the North-Western Provinces and Oudh. A considerable part of the surplus in Madras has already been removed to the Punjab, where there has been an exceptionally heavy demand for coin during the last few months in connection with the export of wheat.

The deficiency in the North-Western Provinces and Oudh has been made up after the revenue collections of the first few months of the current year. There is still an accumulation in Madras, and some further remittances will still have to be made to other provinces to reduce the circulation in that province to its proper level.

TREASURY STATISTICS.

69. The transactions in notes at the several Treasuries in India during 1895-96, 1896-97, and 1897-98 have been as follows:—

	1895-96.	1896-97.	1897-98.
	R	R	R
Receipts from the Public in payment of Government dues. Receipts from the Public in exchange for silver Receipts from the Public for other notes.	17,28,96,790 3,47,69,697 35,48,830	15,67,67,880 2,89,27,880 35,22,150	15,71,89,730 2,58,06,820 33,26,200
TOTAL RECEIPTS .	21,12,15,317	18,92,17,910	18,63,22,750
Issues to the Public in payment of Government dues Issues to the Public in exchange for silver Issues to the Public for other notes	6,62,54,559 4,60,39,443 35,48,830	7,22,62,065 4,73,62,045 35,22,150	7,51,90,600 6,02,81,220 33,26,200
TOTAL ISSUES .	11,58,42,832	12,31,46,260	13,87,98,020

There has been a considerable increase in issues, especially those to the Public, in exchange for silver, under which head there has been a progressive increase for some years past.

70. The total Treasury transactions in notes during the last three years have been as follows (in lakhs of rupees):—

										1895-9б.	1896-97.	1897-98.
Government o	f Indi	a			٠	•		•		434	301	323
Central Provi	nces							•		78	66	39
Burma .	•		• }	•	•	•	•			61	65	67
Assam .						•	•			87	90	91
Bengal .		٠			•	•	•			620	654	614
North-Wester	n Pro	vinc	es and	d Oud	lh .	•	٠	•		334	284	335
Punjab .			•							520	533	651
Madras .		•	•			•	•		7	544	532	460
Bombay					•			•		582	586	561
Hyderabad			•	•	•	•		•		10	11	10
							To	TAL	•	3,270	3,122	3,151

There was, on the whole, a slight increase, but the figures of the various provinces do not exhibit any marked features except that the transactions in the Punjab show a considerable increase in recent years.

71. The following statement gives details regarding the encashment of notes by Treasuries:—

			1895-96.	1896-97.	1897-98.
			Numbe	er of Treas	uries.
Where notes were cashed throughout the year to of the public demand	the exter	nt	187	186	174
Where notes were ordinarily, but not always cashe	d .		40	4t .	55
Where notes were not usually cashed	•		17	16	15
T	OTAL		344	243	244

In last year's report it was mentioned that there was some doubt as to the accuracy of this return, and steps were consequently taken to draw attention to the matter. As a result, it will be seen that the number of treasuries shown under the second heading has increased as might have been expected.

72. Statement V shows the proportion of Treasury and Bank balances which in each province were held in the form of currency notes.

SUPPLEMENT TO THE GAZETTE OF INDIA, SEPTEMBER 3, 1898. 1573

Including Reserve Treasuries the percentage of balances held in notes

C-1- 44-	C :	,					18	396.	18	97.
Calcutta		ile.	•	•			56 p	er cent.		or cent.
	19	•		•			45	22	59	
Madras	30	0	•	•	•	•	43	10	23	99

But if Reserve Treasuries were omitted, the figures would be-

					Bais	Roof. Ince in	Bala	97. nce in	Percentage of Notes.		
٠					Notes.	Cash;	Notes.	Cash.	1896.	1897.	
	•				In thousands of rupe			es.	Per	Cent	
Calcutta (Circle	,			35,22	1,11,67	43,69	84,25	31	3:	
Bombay	33 *	٠	•	•	14,96	62,46	16,43	55,00	23	22	
Madras	.0 .	•	•		14,20	79,28	11,46	65,00	. 17	14	

The figures do not on the whole show any great variation from the preceding year.

RECEIPTS AND EXPENDITURE.

73. The figures of receipts and expenditure given in Statement III are only approximate, as the accounts for 1897-98 are not yet closed. There was a decrease of R125 between the actual receipts in 1896-97 and the approximate figures given in last year's report, and the expenditure was more by R359-11-8 than the approximate figures. Details of the differences are given in the foot-note to Statement III. The charges for 1897-98 were less than in the previous year by R89,000, due mainly to a decrease in the charges for note forms and the cost of remittances, certain charges, which had in former years been erroneously included under the latter head, having in the year under report been removed to their proper head of account.

\$4.94.420 75.63.699 +20,69,279 +37.661

24,24,17,430 -1,73.92.672 -6.694

67. The following statement shows the distribution of the absorption shown above by circles and provinces:—

an Dubits of Mapers	In	Lakhs	of	Rupees.
---------------------	----	-------	----	---------

						1896-97	•		1897-98.					
CIRCLE	n Pi	ROVIN	CR.	April to June,	July to Sep.	Oct. to Dec.	January to March.	TOTAL.	April to June.	July to Sept	Oct. to Dec.	January to March.	TOTAL,	
Calcutta Allahabad Lahore Bombay Madras Burma Assam Central P		ces	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-1,07 -16 +23 +41 -30 +9 -25	+3,65 +14 -62 -3 +37 -85 +11	+1,92 +79 +46 +98 +2 +28 +8 +35	-83 -40 -1,06 +40 -1,25 +2,04 -10 -46	+3,67 +37 -1,20 +1,58 -45 +1,17 +18 -41	-29 +57 +60 -36 +76 -3 +9	+1,71 +5 -14 -1,16 +1,13 -87 +8 +20	+22 -39 +90 -15 -8 -16 -9	-93 -20 -97 -18 -3,10 +1,73 -20 -15	+71 +3 +39 -1,85 -1,29 +67 -12	
	Ton	AL		-1,05	+ 2,72	+4,90	-1,66	+4,91	+1,11	+1,00	+31	-4,00	-1,59	

The net exports during the year fell short of those of the previous year by 3,58 lakhs, while there was a net receipt in the treasuries of 2,11 lakhs against a net payment of 2,63 lakhs in the preceding year. There was consequently a heavy falling off in the demand for coin, and 1,59 lakhs came back from circulation against a net absorption of 4,91 lakhs in the previous year.

During the first quarter there was an increase in the net absorption of coin in all the provinces except Bombay, mainly in consequence of the heavy expenditure on account of famine in most of the provinces and of the general rise in prices which necessitated an increase in the circulation medium of exchange. In Bombay, the effect of the famine outlather the rise in prices was more than counterbalanced by a serious decline in the exports of cotton and seeds, which fell short of those of the previous year by 1,01 and 1,17 lakhs, respectively, and as a consequence 36 lakhs came back from circulation against an absorption of 23 in the corresponding period of the previous year.

During the second quarter, there was a decrease in the absorption of coin, 1,09 lakhs only having passed into circulation, against 2,72 lakhs in the same period of last year. The decrease occurred mainly in Calcutta and Bombay, owing to a heavy falling off in the value of opium exported and an increase in the circulation of currency notes. The circulation showed an increase of 99 lakhs during the quarter, while in the corresponding period of the previous year there was a decrease of 1,03 lakhs.

During the third quarter, there were no important variations in the net exports of the two years, but there was a considerable increase in the net receipts of the treasuries, notwithstanding a heavy expenditure on the war on the North-Western Frontier, partly in consequence of the recovery of the country from the famine and partly of the stoppage of Council Bills for nearly 2½ months of the quarter. This heavy increase in the net receipts of the treasuries led to the absorption of only 21 lakhs of rupees during the quarter in place of 4,90 lakhs in the corresponding quarter of the previous year.

During the fourth quarter, the country recovered from the famine, but the relief afforded to the treasury balances was more than counterbalanced by the heavy Military Expenditure on the North-Western Frontier. The net exports, however, fell short of those of the corresponding period of the preceding year by 2,72 lakhs, and as a consequence 4,00 lakhs of rupees came back from circulation against 1,66 only in the previous year.

68. The following statement compares the distribution of whole rupees at the end of 1897-98, with that at the end of the two previous years:—

•	187	APRIL 18	96.	IST	APRIL	1897.	IST	APRIL 1	898.	PERCENTAGE.		
٠	Currency.	Treasury.	TOTAL.	Carrency.	Treasury.	Torat.	Carrency.	Treamry.	Тотац.	1896.	1897.	1898.
India Treasurios Central Provinces Burma Assam Bengal (including Reserve	11 19 1,52 22	41 34 1,03 26	52 53 2,55 48	1,23	29 39 63 19	48 39 1,86 47	13 19 1,12 33	41 50 58 32	54 69 1, 70 65	3.00 3.00 3.00 3.01	2'37 1'92 9'17 2'32	2°54 3°34 7°98 3°95
Treasury and Calcutta) North-Western Provinces Punjab Madras Bombay	3,55 2,09 2,72 4,21 3,33	1,32 1,25 74 1,37 1,25	4,87 3,34 3,46 5,48 4,58	2,42 1,36 2,68 3,71 1,88	1,19 1,12 63 1,03 1,07	3,61 2 48 3,31 4,74 2,95	2,67 1,34 2,29 3,38 3,06	1,20 87 49 1,38 1,05	3,87 2,21 2,78 4,76 4,11	18°87 12'94 13'41 21'23	17'70 12'22 16'31 23'36 14'54	18° 16 10'37 13'05 22'33 19'28
TOTAL .	17,94	7,87	25,81	13,75	6,54	20,29	14,51	6,80	21,31	160,00	100'00	100,00

The statement shows that there is an accumulation in Madras and a deficiency in the North-Western Provinces and Oudh. A considerable part of the surplus in Madras has already been removed to the Punjab, where there has been an exceptionally heavy demand for coin during the last few months in connection with the export of wheat.

The deficiency in the North-Western Provinces and Oudh has been made up after the revenue collections of the first few months of the current year. There is still an accumulation in Madras, and some further remittances will still have to be made to other provinces to reduce the circulation in that province to its proper level.

TREASURY STATISTICS.

69. The transactions in notes at the several Treasuries in India during 1895-96, 1896-97, and 1897-98 have been as follows:—

	1895-96.	1896-97.	1897-98.
	R	R	R
Receipts from the Public in payment of Government dues	17,28,96,790	15,67,67,880	15,71,89,730 2,58,06,820
Receipts from the Public for other notes .	35,48,830	35,22,150	33,26,200
TOTAL RECEIPTS .	21,12,15,317	18,92,17,910	18,63,22,750
Issues to the Public in payment of Government dues	6,62,54,559 4,60,39,443 35,48,830	7,22,62,065 4,73,62,045 35,22,150	:7,51,90,600 6,02,81,220 33,26,200
TOTAL ISSUES .		12,31,46,260	13,87,98,020

There has been a considerable increase in issues, especially those to the Public, in exchange for silver, under which head there has been a progressive increase for some years past.

70. The total Treasury transactions in notes during the last three years have been as follows (in lakhs of rupees):—

									1895-96.	1896-97.	1897-98.
Government of	India								434	301	323
Central Province	cs .	•	•				•		78	66	39
Burma	No. 18				•				61	65	67
Assam	•	• 1				۰	. 8		87	90	91
Bengal		•	•	•			•		620	654	614
North-Western	Provinc	ces an	d Oudh	٠				•	334	284	335
Punjab					•				520	533	651
Madras		•				•		: 14	544	532	460
Bombay .		٠				,		•	582	586	561
Hyderabad .	•	1.			•			•	10	11	10
						To	TAL		3,270	3,122	3,151

There was, on the whole, a slight increase, but the figures of the various provinces do not exhibit any marked features except that the transactions in the Punjab show a considerable increase in recent years.

71. The following statement gives details regarding the encashment of notes by Treasuries:—

		1895-96.	1896-97.	1897-98.
		Numb	er of Treas	uries.
Where notes were cashed throughout the y of the public demand	ear to the exten	it . 187	186	174
Where notes were ordinarily, but not always	s cashed .	. 40	41	55
Where notes were not usually cashed .		. 17	16	15
	TOTAL	. 244	243	244

In last year's report it was mentioned that there was some doubt as to the accuracy of this return, and steps were consequently taken to draw attention to the matter. As a result, it will be seen that the number of treasuries shown under the second heading has increased as might have been expected.

72. Statement V shows the proportion of Treasury and Bank balances which in each province were held in the form of currency notes.

Including Reserve Treasuries the percentage of balances held in notes

	_							18	96.	1	897.
•	Calcutta		•	•		•	•	56 pe	er cent.		er cent.
•	Bombay Madras	23	•	0		•	•	45	23	59	12
	Madras	29	•	•	•	•	•	43	38	23	

But if Reserve Treasuries were omitted, the figures would be-

					nce in	Balar	97. nce in	Percer	tage of
٠				Notes.	Cash.	Notes.	Cash.	1806.	1897.
٠				Iı	n thousand	Per	Cent.		
Calcutta Circle	•	•		35,22	1,11,67	43,69	84,25	31	33
Bombay ".	•		•	14,96	62,46	16,43	55,00	23	22
Madras	•	•	-	14,20	79,28	11,46	65,00	. 17	14

The figures do not on the whole show any great variation from the preceding year.

RECEIPTS AND EXPENDITURE.

73. The figures of receipts and expenditure given in Statement III are only approximate, as the accounts for 1897-98 are not yet closed. There was a decrease of R125 between the actual receipts in 1896-97 and the approximate figures given in last year's report, and the expenditure was more by R359-11-8 than the approximate figures. Details of the differences are given in the foot-note to Statement III. The charges for 1897-98 were less than in the previous year by R89,000, due mainly to a decrease in the charges for note forms and the cost of remittances, certain charges, which had in former years been erroneously included under the latter head, having in the year under report been removed to their proper head of account.

Statement of the value of Government Currency Notes is

				ALLAHA	0.00
17	DATE.	Value of Notes in circulation.	Monthly increase + or decrease -	Value of Notes in circulation.	Monthly increase
a digital control of the state	V	R	2	R se se se	R
March 1897 8		10,11,56,760	-28,44,580	1,56,00,360	-26,54,680
April		9,83,12,180	-16,94,585	1,24,67,020	-4.78.06n
May June		9,76,63,235	+ 10,45,640	1,44,30,415	+19,63,395
July ,,		9,01,09,260	+ 57,30,870	1,75,96,060	+ 17,34,350 + 14,31,295
August ,		9,52,60,510	-8,48,750	1,80,73,640	+4,77,580
October 10 · ·		9,51,78,730	-81,780 -21,76,555	1,35,69,695	-45,03,945 -34,225
November		9,30,02,1757	+66,07,580	1,14,61,970	-20,73,500
lanuary 1898		10,75,88,045	+79,78,290	1,29,84,575	+ 15,22,600
February		10,37,29,035	-38,59,010 +1,58,120	1,20,72,165	-18,56,945 +9,44,535
March	TOTAL	1,19,03,51,780	******	16,04,29,085	******
	2 V 2 MW	2 7 7 7 0 1.5 7 7			Average for each
1862-63		2,42,30,000	889998	*****	******
1863-04		2,40,50,000	000000	11,39,468	*****
1864-65		2,90,43,282	*****	25,61,730	******
1860-67		2,83,91,438	484940	25,93,184 32,48,513	******
1867-68		3,60,45,643	*****	33.74,186	******
1809-70		4,14,57,428	00000	30,97,881	*****
1870-71		3,50,93,392	043040	36,60,324	******
1871-72		4,30,33,469	*****	52,18,260	10000
1873-74		4.70,29,742	48.5000	73,86,899	*****
1874-75		4,84,38,619 4,93,96,846	000466	69,97,957	*****
1875-76		4,99,71,204	000 007	72,07,479	******
1877-78		6,13,25,010	****	54.65.639	,
1878-79	0 0 0 0 0 0 0	6,43,65,560 6,26,55,985	******	47,91,777	Waters
1880-81		6,54,05,717	*****	53,48,142 72,19,658	*****
1881-82	• • • • •	6,42,82,870 7,15,64,195	900000	84,15,813	990041
1883-84		6,12,03,068	988994	69,21,029	411998
1884-85		6,57,43,221 6,06,33,913	00000	60,15,686	000000
1885-86		5,72,39,275	*****	77,81,407	805010
1887-88		6,21,17,981	000 104	88,36,324 84,06,225	621021
1888-89	0 0 0 0 0 0 0	6,50,77,552	90107	79,26,061	884200
1890-91		8,72,18,599	000011	92,37,520	944444
1891-92		9,71,75,967	******	1,28,28,054	*****
		a manage and and the last			
1893-94		11,54,991901	00000	1,25,79,402	401104
1894-95	0 0 0 0 10 0 0	13,17,42,626	*****	1,31,76,290 1,15,80,252	******
1894-95		13,17,42,626		1,31,76,290 1,15,80,252 8,19,33,380	
1894-95		13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982	00000	1,31,76,290 1,15,80,252 1,19,33,380 1,36,69,090	000000 000000
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (-		13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 —1,10,36,265	00000 00000 00000 00000	1,31,76,290 1,15,80,252 8,19,33,380	00000 00000
1894-95 1895-96 1896-97 1897-98		13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 —1,10,36,265 —10'011	000000 000000 000000 000000	1,31,76,290 1,15,80,252 1,19,33,380 1,36,69,090 +19,35,710 +16*22	010000 D02440 00000 00000
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (-	rulation, 1896-97	13,17,42,626 12,16,16,160 11,02,32,447 9,91,95,982 -1,10,36,365 -10'011 Mai	DRAS.	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 +19,35,710 +16*22 Value of Notes in	CUT.
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ	rulation, 1896-97	13,17,42,626 12,16,16,160 11,02,32,247 9,91,95,982 -1,10,36,265 -10'011 Mail Value of Notes in circulation.	DRAS. Monthly increase or decrease —.	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 +19,35,710 +16*22 Value of Notes in cir culation.	Monthly increases or decreases.
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ	rulation, 1896-97	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,36,265 -10:011 Mai Value of Notes in circulation.	DRAS. Monthly increase of or decrease	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 +19,35,710 +16,22 Value of Notes in cir culation. 13,63,215	Monthly increase or decrease.
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April ,,	rulation, 1896-97	13,17,42,626 12,16,16,160 11,02,32,247 9,91,95,982 -1,10,36,265 -10'011 Mail Value of Notes in circulation.	DRAS. Monthly increase or decrease —.	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,595	Monthly increase- or decrease91,500 +27,80
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcestage on average circ March 1897 April , May , June ,	rulation, 1896-97	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,30,365 -10'011 Mai Value of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005	DRAS. Monthly increase + or decrease	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,795 13,80,550	Monthly increase or decrease 91,500 + 27,80 + 82,955
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April , Nay , June , July ,	rulation, 1896-97	13,17,42,626 12,16,160,160 11,03,32,247 9,91,95,982 -1,10,36,265 -10,011 Walue of Notes in circulation. 2,73,59,425 2,70,52,120 2,51,74,005 2,47,06,200	DRAS. Monthly increase 4 or decrease	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840	Monthly increase- or decrease-,
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcestage on average circ March 1897 April , May , June ,	rulation, 1896-97	13,17,42,626 12,16,10,160 11,02,32,447 9,91,95,982 -1,10,30,365 -10'011 MAI Value of Notes in circulation. 2,73,59,425 2,73,59,425 2,70,52,120 2,51,74,005 2,47,06,2904 2,69,16,635 2,60,40,800	DRAS. Monthly increase of or decrease —. + 12,01,950 —15,09,255 —18,78,115 —3,77,715 +21,20,345 —8,75,745	1,31,76,290 1,15,80,252 1,19,33,380 1,36,69,090 + 19,35,710 + 16'22 Value of Notes in cir culation. 13,03,215 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965	Monthly increases or decreases. -91,500 +27,800 +82,955 +47,200 +2,06,090 +80,125
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcestage on average circ March 1897 April , May , June , July , August , September , October ,	rulation, 1896-97	13,17,42,626 12,16,160,160 11,03,33,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,76,52,130 2,51,74,005 2,47,06,2004 2,69,16,635 2,60,40,800 2,67,83,685	DRAS. Monthly increase + or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840	Monthly increases or decreases. -94,500 + 27,800 + 84,955 + 47,200 + 80,115 -1,25,945
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April 1997 April 1997 August 1997 September 1997	rulation, 1896-97	13,17,42,626 12,16,10,160 11,02,32,447 9,91,95,982 -1,10,30,365 -10'011 MAI Value of Notes in circulation. 2,73,59,425 2,73,59,425 2,70,52,120 2,51,74,005 2,47,06,2904 2,69,16,635 2,60,40,800	DRAS. Monthly increase of or decrease —. + 12,01,950 —15,09,255 —18,78,115 —3,77,715 +21,20,345 —8,75,745	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,03,215 12,69,715 12,97,595 13,80,550 14,77,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 12,5725	Monthly increases or decreases. -91,500 + 27,550 + 82,955 + 47,200 + 2,061,900 + 80,125 -1,25,915 -3,07,175 -5,170
March 1897 April 1894 August 1994 November 1898	rulation, 1896-97	13,17,42,626 12,16,160,160 11,03,33,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,76,52,130 2,51,74,005 2,47,06,2904 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,05 2,67,83,685 2,71,94,05	DRAS. Monthly increase + or decrease	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16'22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,750 16,33,840 17,13,9650 14,27,750 15,88,070 12,20,895 12,15,725 11,05,580	Monthly increase or decrease -93,500 +27,800 +82,955 +47,200 +2,00,0700 +80,115 -1,25,895 -3,67,175 -5,170 -1,10,145
1894-95 1896-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average ciri March 1897 April 19 May 19 June 19 July 29 September 29 September 29 November 29 Lanuary 1898 February 29	rulation, 1896-97	13,17,42,026 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,36,265 -10,011 Walue of Nates in circulation. 2,73,50,425 2,75,52,120 2,51,74,005 2,47,06,2904 2,69,16,635 2,67,83,683 2,71,94,050 2,67,83,683 2,71,94,050 2,68,55,415	Monthly increase of or decrease —. + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 83,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730	Monthly increases or decreases. -91,500 + 27,550 + 82,955 + 47,200 + 2,061,900 + 80,125 -1,25,915 -3,07,175 -5,170
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April 1897 April 1897 August 1898 September 1898 November 1898 January 1898 February 1898	rulation, 1896-97	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10'011 Value of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,96,200 2,69,16,635 2,50,40,800 2,67,83,685 2,71,94,050 2,68,55,415 3,03,20,035 3,64,26,275	### DRAS. Monthly increase + or decrease #### 12,01,050 ###################################	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,90,895 12,15,725 11,05,580 11,33,875	## CUT. Monthly increase of decrease -91,500 +27,850 +82,955 +47,200 +2,01,000 +80,125 -1,25,915 -3,07,175 -5,170 -1,101,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 -1,001,145 +26,195 +26,
March 1897 April 1897 April 1897 August 1897 November 1898 February 1898 February 1898 August 1898 February 1898	Total	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,050 2,67,83,685 2,71,94,050 3,64,26,275 4,07,86,820 34,69,07,595	DRAS. Monthly increase 4 or decrease + 12,01,050 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,25,745 +7,42,795 +4,10,305 -3,38,035 +3,46,400 +61,00,240 +43,60,545	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 83,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730	Monthly increase- or decrease
March 1897 April 1894 April 1897 April 1897 August 1897 August 1898 September 1898 August 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898	rulation, 1056-57	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,96,200† 2,69,16,635 2,60,46,800 2,67,83,685 2,71,94,050 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595	DRAS. Monthly increase of or decrease —. + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035 +3,40,600 +61,00,240 +43,60,240 +43,60,245	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase- or decrease 94,500 + 27,800 + 82,955 + 47,200 + 2,04,050 + 80,115 -1,25,955 -3,07,175 -5,170 -1,104,145 -1,004,
March 1897 April 1897 April 1897 April 1897 August 1897 November 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898	Total	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,69,16,33 2,60,40,800 2,67,83,685 2,71,94,050 2,68,55,415 3,03,20,035 3,04,26,275 4,07,86,820 34,69,07,595	DRAS. Monthly increase 4 or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035 +3,40,620 +61,00,40 +43,60,545	1,31,76,290 1,15,880,252 1,15,80,252 1,15,80,252 1,13,86,69,090 + 19,35,710 + 16'22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase or decrease -91,500 +27,800 +82,955 +47,200 +2,001,000 +80,115 -1,25,365 -3,57,175 -1,10,145 +26,375 -1,001,15 -1,001,15 -1,001,15 -1,001,15 -1,001,15 -1,001,15 -1,001,15
March 1897 April 1894 April 1897 April 1897 August 1897 August 1898 September 1898 August 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898 February 1898	Total	13,17,42,026 12,10,10,160 11,02,32,247 9,91,95,982 -1,10,30,305 -10,011 Walue of Nates in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,06,2904 2,69,16,035 2,60,40,800 2,67,83,683 2,71,94,050 2,68,55,415 3,03,20,035 3,64,26,275 4,07,81,820 34,69,07,595	DRAS. Monthly increase + or decrease + 12,01,950 - 15,09,255 - 18,78,115 - 3,77,715 + 21,20,345 - 8,75,745 + 7,42,795 + 4,10,365 - 3,36,035 + 34,64,630 + 61,00,240 + 43,60,545	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,880 11,33,875 10,33,730 1,00,21,290	## Average for and
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April 1897 April 1897 April 1897 August 1898 September 1898 February 1898	Total	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,30,305 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,67,83,683 2,71,94,950 2,67,83,683 2,71,94,950 3,68,55,415 3,03,20,035 3,64,26,275 4,07,81,820 34,69,07,595	DRAS. Monthly increase of or decrease —. + 12,01,050 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +41,03,05 -3,48,035 +34,64,620 +61,00,240 +43,60,545	1,31,76,290 1,15,80,252 1,15,80,252 1,149,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 11,33,730 11,05,580 11,33,730 1,00,21,290	Monthly increase- or decrease 94,500 + 27,800 + 82,955 + 47,200 + 2,04,050 + 80,115 -1,25,95 -3,07,175 -5,170 -1,10,145 -1,00,145 -1,00,145 -1,00,145
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average ciri March 1897 April 19 May 19 June 19 July 20 August 20 September 19 October 19 November 29 December 19 January 1898 February 20 1802-63 1804-65 1804-65 1805-66 1806-67 1867-68 1806-69 1806-69	Total	13,17,42,626 12,16,10,160 11,03,32,247 9,91,95,982 -1,10,36,365 -1,10,361 Walue of Notes in circulation 2,73,59,425 2,70,52,120 2,51,74,005 2,47,05,204 2,69,16,635 2,60,40,800 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,67,81,8208 34,69,07,595	DRAS. Monthly increase of or decrease —. + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035 +3,46,020 +61,06,240 +43,60,545	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,335,710 + 16-22 Value of Notes: Value of Notes: 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase or decrease -91,500 +27,550 +82,935 +47,200 +2,061,000 +80,125 -1,25,945 -3,07,175 -1,10,145 +46,945 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145 -1,00,145
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April 1897 April 1897 April 1897 August 1898 September 1898 February 1898	Total	13,17,42,626 12,16,10,160 11,03,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,70,52,120 2,51,74,005 2,47,06,2904 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,67,87,86,820 34,69,07,595	DRAS. Monthly increase 4 or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035 +3,40,400 +61,00,40 +43,60,545	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 83,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,730 1,00,21,290 61,755 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419	Monthly increase of decrease o
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average cir. March 1897 April 1997 April 1997 August 1997 September 1997 November 1998 February 1898	Total	13,17,42,626 12,16,10,160 11,03,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,0304 2,69,16,635 2,69,16,635 2,69,46,800 2,67,83,683 2,71,94,05 2,67,83,683 2,71,94,05 3,64,26,275 4,67,87,88,208 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042	DRAS. Monthly increase of or decrease —. + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,305 -3,38,035 +3,464,620 +61,06,240 +43,60,545	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,335,710 + 16-22 Value of Notes in cir culation. 13,63,215 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase or decrease
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June July August September October November December January 1898 February March 1893 February March 1803-64 1803-64 1804-05 1805-66 1806-67 1807-68 1808-69 1809-70 1870-71 1871-72 1871-72 1871-72	Total	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,69,16,635 2,60,40,870 2,67,83,683 2,71,94,05 2,68,55,415 3,003,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,33,416	DRAS. Monthly increase 4 or decrease + 12,01,050 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,25,745 +7,42,795 +4,10,305 -3,38,035 +3,40,400 +61,00,240 +43,60,545	1,31,76,290 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 83,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 61,755 4,21,100 5,54,549 5,56,109 8,10,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618	Monthly increase of decrease o
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average cir. March 1897 April 1998 June 1999 June	Total	13,17,42,626 12,16,160,160 11,03,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,05,204 2,69,16,635 2,69,16,635 2,69,16,635 2,69,40,800 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,164,262,275 4,67,83,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 99,924,176	DRAS. Monthly increase of or decrease —. + 12,01,950 —15,09,255 —18,78,115 —3,77,715 +21,20,345 —8,75,745 +7,42,795 +4,10,305 —3,38,035 +3,40,600 +61,00,240 +43,60,545	1,31,76,290 1,15,80,252 1,15,80,252 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 23,63,215 12,69,715 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 61,735 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,90,533 18,10,467 22,08,618 21,48,859	Monthly increase or decrease 93,500 + 27,800 + 82,955 + 47,200 + 2,001,000 + 80,125 - 1,25,935 - 3,07,175 - 1,10,145 + 28,00,145 - 2,001,15
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June July August September October November Panuary 1898 February March 1802-63 1803-64 1804-05 1805-66 1806-67 1807-68 1808-69 1809-70 1870-71 1871-72 1871-72 1871-73 1871-74 1871-75 1875-76	Total	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,67,83,683 2,60,40,870 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 9,99,21,76 1,22,83,331	Monthly increase 4 or decrease +12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -8,75,745 +7,42,795 +4,10,365 -3,38,035 +3,4,64,020 +61,06,240 +43,600,545	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 3,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965* 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 61,755 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768	Monthly increase, or decrease,
1894-95 1896-97 1897-98 Increase (+) or decrease (- Percentage on average cir. March 1897 April 1998 June 1998 July 1998 September 1998 September 1998 November 1998 Jebruary 1898 February tal	13,17,42,626 12,16,160,160 11,03,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,05,204 2,69,16,635 2,69,16,635 2,69,16,635 2,69,40,800 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,164,262,275 4,67,83,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 99,924,176	DRAS. Monthly increase of or decrease —. + 12,01,950 —15,09,255 —18,78,115 —3,77,715 +21,20,345 —8,75,745 +7,42,795 +4,10,305 —3,38,035 +3,40,600 +61,00,240 +43,60,545	1,31,76,290 1,15,80,252 1,149,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 61,755 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,48,859 25,38,768	Monthly increase or decrease 93,500 + 27,800 + 82,955 + 47,200 + 2,001,000 + 80,125 - 1,25,957 - 3,07,175 - 1,10,145 + 28,00,145 - 2,001,15	
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average ciri March 1897 April May June July August September October November December January 1898 February March 1803-64 1804-05 1805-66 1806-67 1807-68 1806-69 1809-70 1870-71 1871-72 1872-73 1873-74 1874-75 1875-76 1875-76	Total	13,17,42,626 12,16,10,160 13,03,23,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,85,61,375 2,70,52,120 2,53,74,005 2,69,16,635 2,60,40,870 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 9,9,92+176 1,22,83,331 1,36,59,999 1,67,54,482 1,52,44,985	Monthly increase 4 or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 + 21,20,345 -3,38,035 -3,38,035 + 4,10,365 -3,38,035 + 34,64,620 + 61,06,240 + 43,600,545	1,31,76,290 1,15,86,252 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 3,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 61,755 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 811,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,89,207 17,66,917	Monthly increase, or decrease, -94,500 + 27,800 + 82,955 + 47,200 + 2,06,000 + 80,015 - 3,07,175 - 5,170 -1,10,145 - 1,00
1894-95 1896-97 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June 19 July August 19 September 19 October 19 November 19 January 1898 February 1898 February 1898 February 1898 1803-64 1804-65 1805-66 1806-67 1807-68 1868-69 1889-70 1870-71 1871-72 1871-73 1873-74 1874-75 1875-76 1870-77 1877-78 1878-79 1879-80	Total	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Value of Notes in circulation. 2,73,59,425 2,43,61,375 2,70,52,120 2,51,74,005 2,47,96,200† 2,69,16,635 2,60,46,800 2,67,83,685 2,71,94,056 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,166 1,22,14,342 09,92,176 1,28,3331 1,36,59,999 1,67,54,482 1,52,45,985 1,29,93,88	DRAS. Monthly increase + or decrease + 12,01,950 - 15,09,255 - 18,78,115 - 3,77,715 + 21,20,345 - 8,75,745 + 7,42,795 + 4,10,305 - 3,38,035 + 34,64,620 + 61,00,240 + 43,60,545	1,31,76,290 1,15,86,252 1,149,33,380 1,36,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,880 11,33,875 10,33,730 1,00,21,290 61,735 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,89,207 17,66,917 18,00,536	Monthly increase or decrease 93,500 + 27,800 + 82,955 + 47,200 + 2,001,000 + 80,125 - 1,25,957 - 3,07,175 - 1,10,145 + 28,00,145 - 2,001,15
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average ciri March 1897 April May June July August September October November December January 1898 February March 1803-64 1804-05 1805-66 1806-67 1807-68 1806-69 1809-70 1870-71 1871-72 1872-73 1873-74 1874-75 1875-76 1875-76	Total	13,17,42,626 12,16,10,160 13,03,23,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation 2,73,59,425 2,85,61,375 2,70,52,120 2,53,74,005 2,69,16,635 2,60,40,870 2,67,83,683 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 9,9,92+176 1,22,83,331 1,36,59,999 1,67,54,482 1,52,44,985	Monthly increase 4 or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 + 21,20,345 -3,38,035 -3,38,035 + 4,10,365 -3,38,035 + 34,64,620 + 61,06,240 + 43,600,545	1,31,76,290 1,15,86,252 1,19,33,380 1,38,69,090 + 19,335,710 + 16-22 Value of Notes in cir culation. 3,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase, or decrease,
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June 19 July August 19 September 19 October 19 November 19 January 1898 February 1898 Feb	Total	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,96,200 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,050 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,67,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,308 71,21,866 73,46,017 87,86,321 1,10,63,042 1,07,03,161 1,22,14,842 99,924,76 1,28,83,331 1,36,59,999 1,67,54,482 1,52,45,985 1,29,93,688 1,35,26,580 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,3661	DRAS. Monthly increase of or decrease —	1,31,76,290 1,15,86,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in circulation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,860 11,33,875 10,33,730 1,00,21,290 61,735 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,89,207 17,66,917 18,00,536 14,78,377 15,35,584 13,69,536	Monthly increase of decrease o
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average ciri March 1897 April May June July August September October November December January 1898 February March 1803-63 1803-64 1804-65 1805-66 1806-67 1867-68 1808-69 1869-70 1870-71 1871-72 1871-74 1871-75 1875-76 1876-77 1877-78 1878-79 1879-80 180-81 180-81 180-81	Total	13,17,42,626 12,16,10,160 11,03,32,447 9,91,95,982 -1,10,36,365 -1,10,361 MAI Value of Notes in circulation 2,73,59,425 2,70,52,120 2,51,74,005 2,47,05,2120 2,51,74,005 2,47,05,200 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,67,81,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,31,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 9,92,176 1,26,83,331 1,36,59,999 1,67,54,482 1,52,45,985 1,29,93,388 1,34,77,863	Monthly increase 4 or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 +21,20,345 -3,80,35 -3,86,035 +3,46,4020 +61,06,240 +43,600,545	1,31,76,290 1,15,86,252 1,19,33,380 1,38,69,090 + 19,335,710 + 16-22 Value of Notes in cir culation. 3,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290	Monthly increase, or decrease, -94,500 + 27,800 + 84,955 + 47,200 + 2,06,000 + 80,015 - 3,07,175 - 5,170 -1,10,145 - 1,00
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June 19 July August 19 September 19 October 19 November 19 January 1898 February 1898 Feb	Total	13,17,42,626 12,16,10,160 11,02,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,06,200 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,308 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 99,924,76 1,26,83,331 1,36,59,999 1,67,54,482 1,52,45,985 1,29,92,638 1,35,76,580 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,3861 1,39,21,985 1,39,21,985 1,39,21,985 1,39,21,985 1,39,21,985 1,39,21,985 1,39,21,985 1,33,46,674 1,40,74,8261	DRAS. Monthly increase + or decrease + 12,01,950 - 15,09,255 - 18,78,115 - 3,77,715 + 21,20,345 - 7,42,795 + 4,10,365 - 3,38,035 + 34,64,630 + 61,06,240 + 43,60,545	1,31,76,290 1,15,86,252 1,149,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in circulation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,860 11,33,875 10,33,730 1,00,21,290 61,75,54 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,89,207 17,66,917 18,00,536 14,78,377 15,35,584 13,69,536 10,43,825 12,59,258 12,12,991	Monthly increase- or decrease-, -93,500 + 27,800 + 82,955 + 47,200 + 80,915 -1,25,915 -1,10,145 +86,936 -1,00,145 -1,00,145
1894-95 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average cir March 1897 April 1998 April 1998 August 1998 September 1998 February 1898 Feb	Total	13,17,42,626 12,16,10,160 11,021,32,247 9,91,95,982 -1,10,36,365 -10,011 Walue of Notes in circulation. 2,73,59,425 2,85,61,375 2,70,52,120 2,51,74,005 2,47,96,200 2,69,16,635 2,60,40,800 2,67,83,685 2,71,94,050 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,69,67,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,308 71,21,866 73,46,017 87,86,321 1,10,63,042 1,07,03,161 1,22,14,842 99,924,76 1,28,83,331 1,36,59,999 1,67,54,482 1,97,03,161 1,22,14,842 1,97,03,161 1,23,14,846 1,23,14,846 1,35,26,580 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,3861 1,39,21,985 1,33,48,674 1,40,74,261 1,60,49,242	DRAS. Monthly increase of or decrease + 12,01,950 -15,09,255 -18,78,115 -3,77,715 + 21,20,345 - 8,25,745 + 7,42,795 + 4,10,305 -3,38,035 + 34,64,920 + 61,00,240 + 43,60,545	1,31,76,290 1,15,80,252 1,19,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in cir culation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,580 11,33,875 10,33,730 1,00,21,290 1,00,21,290 1,	Monthly increase, or decrease, -94,500 + 27,800 + 84,955 + 47,200 + 2,06,000 + 80,015 - 3,07,175 - 5,170 -1,10,145 - 1,00
1894-95 1895-96 1896-97 1897-98 Increase (+) or decrease (- Parcentage on average circ March 1897 April May June 19 July August 19 September 19 October 19 November 19 January 1898 February 1898 Feb	Total	13,17,42,626 12,16,10,160 11,03,32,247 9,91,95,982 -1,10,36,365 -10,011 Mai Value of Notes in circulation 2,73,59,425 2,70,52,120 2,51,74,005 2,47,06,2004 2,69,16,635 2,60,46,800 2,67,83,685 2,71,94,05 2,68,55,415 3,03,20,035 3,64,26,275 4,07,86,820 34,60,07,595 41,35,714 66,50,000 61,81,761 63,07,003 67,97,750 62,19,398 71,21,806 73,46,017 87,56,321 1,10,63,042 1,07,03,116 1,22,14,342 9,93,176 1,26,83,331 1,36,59,999 1,67,54,482 1,52,45,985 1,29,03,638 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,34,77,339 1,33,48,674 1,40,74,265 1,33,48,674 1,40,74,265 1,33,48,674 1,40,74,265 1,33,48,674 1,40,74,265	DRAS. Monthly increase + or decrease + 12,01,950 - 15,09,255 - 18,78,115 - 3,77,715 + 21,20,345 - 7,42,795 + 4,10,365 - 3,38,035 + 34,64,630 + 61,06,240 + 43,60,545	1,31,76,290 1,15,86,252 1,149,33,380 1,38,69,090 + 19,35,710 + 16*22 Value of Notes in circulation. 13,63,215 12,97,595 13,80,550 14,27,750 16,33,840 17,13,965 15,88,070 12,20,895 12,15,725 11,05,860 11,33,875 10,33,730 1,00,21,290 61,75,54 4,21,100 5,54,549 5,56,109 8,16,466 7,70,240 8,03,419 11,96,533 18,10,467 22,08,618 21,48,859 25,38,768 20,86,198 21,89,207 17,66,917 18,00,536 14,78,377 15,35,584 13,69,536 10,43,825 12,59,258 12,12,991	Monthly increase of decrease o

circulation throughout India during 1897-98 and previous years.

LAH!	Monthly increase +	Value of Notes in			Monthly increase h
Value of Notes in circulation.	or decrease	circulation.	Monthly increase + or decrease	Value of Notes in circulation.	Monthly increase + or decrease
1,80,18,945	R	5,92,98,360	R	94,06,570	t
1,86,80,575	+6,61,630 -17,02,210	6,21,34.570 6,10,19,325	+ 28,36,219 11,15,245	96,49,3° o 85,32,30 5	+2,42,790 -11,17,05\$
1,66,44.995 1,65.37.875†	-3,33,370 -1,07,120	6,45,19,175 6,92,31,300	+ 34,99,850 + 47,12,125	80,34,530 80,59,39 5	-4,97,795 + 24,865
1,78,07,390	+ 12,69,515 -10,72,765	7,10,19,410 7,21,16,875	+17,88,110	84,57,270 86,44,045	+3,97,875
1,86,72,825	+ 19,38,200 -1,16,510	7,01,65,440	-19,51,435	95,93,610 99,57,205	+9,49,565
1,85, 5 6,315	-4,320	7,10,42.785 6,34,55,655	+8,77,345 -75,87,130	80,33,840	+3,63,515
1,87,68,490	+8,47,110	5,86,40,93 \$ 6,09,34,150	-48,14,720 +22,93,215	72,54,835 67,62,030	-7,79,005 -4,92,805
1,97,22,975° 21,70,55,530	+9,54,485	5,66,04,690 1 78,09,44,310	-42,69,460	75,57,080	†7,35,050
ear from 1862 63.					
£	000000	1,58,28,571	******	989 qu:	, h
7,81,033	801111	3,26,00,958 3,50,64,905	400000	9,08,721	
25,00,558 24,05,658	000000	4,80,41,935 4,95,18,959	400200	10,13,765	
25,81,546 22,52,897	010 103	4.59,48,670 4,92,93,254	040404	19,67,610 24,73,060	
26,74.301	0 00000	4,43,51,094	0.00.000	22,59,591 22,33,014	
52,34,625 47,59,828	00010	4,77,36,435 5,63,13,434	000000	80,30,310	
47.77,161 53,43,460	000101	3,56,37,322 3,27,94,374	050000	21,97,823 17,28,919	
66,21,276 62,40,332	011111	3,33,00,831	0 0 * 7 7 7	17,87,613	
\$4.70,648 48,60,418	000004	3,90,98,730 3,67,78,984	0.66***	21,98,696 25,13,695	
65,49,450	*****	3,65,20,379	*****	26,72,268	
92,64,536 81,52,364	000000	2,69,68,543	444.011	33,30,384	-
78,45,178 76,69,764	*******	4,59,01,757 3,90,17,564	64466	32,37,773 29,98,733	
78,99,231 77,28,230	9 020000	4,44,12,529 4,99,05,960	0 0 m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46,00,707	
83,09,917 91,59,344	000 111	4,20,10,249 5,17,61,125	400.00	49,99,546	
85,39,256 85,13,522	*****	5,41,97,663 5,21,51,834	00.000	40,15,679	
1,20,46,149	000400	8,34,53,293 8,90,04,133	20100	49,44,846 67,60,748	
1,34,17,439 1,56,39,106	000 640	9,09,49,803 9,08,02 x85	******	82,27,352 68,76,680	
1,46,94,051 1,67,15,300	* * * * * * * * * * * * * * * * * * * *	10,12,75,028	000 40,	68,05,610	
4,67,67,316 1,81,24,951	004400	9,23,14,090 7,28,49,065	Be++++	67,15,256 87,49,483	1
1,80,87,961 —36,990	007000	6,50,78,692 -77,70,373 -10,066	41 447	83,77,959 —3,71,524	
-204		H	TAL.	-1,546	
Value of Notes in	Monthly increase +	Value of Notes in	Monthly increase +		
circulation.	or decrease.	23,75,33.070	or decrease		
53,29,435 75,36,705	+ 22,07,270	23,90,90,160	+ 15,57,090		
46,51,890† 60,66,985	-28,84,815 +14,15,095	22,86,16,215† 23,39,13,890	-1,04,73,945 +52,97,675		
80,02,740 64,36,525	+19,35,755 -15,66,215	24,76,14,220 24,59,76,390	+ 1,37,00,330 - 16,37,830		
88,22,320 1,03,52,415	+ 23,85,795 + 15,30,395	24.74,06,870 24,59,04,970	+ 14,30,480		
1,19,49.735	+ 15,06,820	24,64.58,630 23,79,31,67 5	+ 5,53,660 -85,26,955		
87,47,320 58,89,545	-28,57,775 +5,02,285	24,31,82,655 24,52,73,315	+ 52,50,980 + 20,90,660		
63,91,830 59,15,875	-4.75.955	24,76,40,400	4 23,67,175		
9,07,64,3%5 year from 1802-03.	949494	2,90, 10,09,480	40000		
*****	567 006	4,41,94,385 5,23,25,000			
000.000	900 +88	6,88,20,116			
000000	900000	8,98,93,179 9,28,50,848			
001.00	001000	10,14,55,327			
988669	011000	9,81,32,240	5		
900000	gox +++	11,41,57,442			
00000	001000	11,14,52,907			
44++00	800+00	11,35,26,621			
*****	600 MID 800 000	13,24,02,472			
900000	00000	12,79,83,033			
000 868	600 400	13,66,29,354 13,50,46,242			
*****	00000	15,18,07,113 13,38,69,257			
20,55.743	*****	14,54,07,275			
29,31,184 33,93,174	******	16,16,23,290			
58,22,866 36,73,487	000000	16,43,10,288			
27,23,737 49,62,264	698417	16,15,14,903 22,88,92,275			
58,01,818	920 ***	25,43,62,371 27,09,95,630			
	040007				
95, 51 ,741 54,56,977	1	28,29,15,237			
95,51,741 54,56,977 48,65,788 64,98,71 1	******	31,11,11,406			
95,51,741 54,56,977 48,65,788	\$.	31,11,11,406		18.	

PLEMENT TO THE GAZETTE OF INDIA, SEPTEMBER 3, 1898.

Statement of Notes issued, received

		5 Ru	pees.	to R	upees.	20 H	lupees.	-
Circle,	NATURE OF WORK,	No.	Value,	No.	Value,	No.	Value,	No.
Calcutta	Notes issued.	119,881 14,507 65,274	5,99,405 72,535 3,26,370	3,389,814 82,537 184,502	3,38,98,140 8,25,370 18,45,020	136,996 34,968 123,248	27,39,920 6,99,360 24,64,960	143,846 20,753 62,000
Bombay	4 99	588,517	29,42,585	1,409,765	1,40,97,050	165,946	33,18,920	108,130
Madras	* 33	5,218 { 219,871	26,090	86,848 681,009	8,68,480 68,10,090	18,035	3,60,700	12,648
Calicut	0 99	10,024	95,120	9,376	93,760	3,381	67,620	62,660
Rangoon	99	27,153	1,35,765	265,893	26,58,930	55,056	11,01,120	31740 28,51
TOTAL		1,059,445	52,97,225	6,109,804	6,10,98,040	655,800	1,31,16,000	442,311
Percentage on Total Issues		20.30	402	59'19	•••	6.32	***	
	(***	'41	***	477	***	r'02	1.00
Calcutta	. Notes received.	118,161	5,90,805	3,353,411	3,35,34,110	141,022	28,26,440	145,664
Aliahabad	0 99	14,553	72,765	82,078	8,20,780	36,778	7,35,500	23,528
Lahore Bombay	1 22	55,100	2,75,500	164,562	10,45,620	115,778	23,15,560	60,207
Karachi		559,174	87,95,870 18,670	113,993	1,41,84,780	165,800	33,16,120	109,753
Madras		3,734	11,02,325	685,149	68,51,490	24,394 119,569	4,87,880	13.781
Calicut	4 22	20,322	1,01,610	11,787	1,17,870	4,384	87,680	64,642
Rangoon	. "	28,102	1,40,510	257,597	25,75,970	55,921	11,18,420	4, 136 29, 280
TOTAL		1,019,611	50,98,055	6,087,055	6,08,70,550	663,652	1,32,73,040	450,991
Percentage on Total Receipts	. [9.9	****	50.00	***	6'44	***	4:38
	(0.04	'4	***	4'79	100	1'04	ang
Calcutta	. Notes cancelled.	101,602	5,08,010	2,673,655	2,67,36,550	111,194	22,23,880	120,404
Allahabad		13,719	68,595	79,887	7,98,870	36,070	7,21,400	23,52;
Bombay	* 22	45,094	2,25,470	140,418	14,04,180	94,100	18,82,000	54,202
Karachi	• 22	337,028	16,85,140	670,028	67,00,280	96,538	19,30,760	101,501
Madras	* 22	3,385	16,925	108,142	10,81,420	24,373	4,87,460	13,817
Calicut	9 20	203,214	10,16,070	642,868	64,28,080	114,074	22,81,480	62,328
Rangoon		20,394 87,751	1,38,755	255,832	25,58,320	4,381 55,991	87,620 11,19,820	4,149 29,23 2
TOTAL	4	752,187	37,60,935	4,582,693	4,58,26,930	536,721	1,07,34,420	409,218
Percentage on Total Cancellation		9,10	***	° 55'98	***	6.26	***	5
Percentage of Total Cancellation	1	***	*46	***	5.61	•••	1'32	***
on Receipts	•	7377	000	75'3	***	80'87	***	90*73

Abstract of all Circle,

						Notes	Isaugd.
		ÆAR.				No.	Value.
1861-62				,		367,200	4,20,00,000
1862-63					. !	295,015	2,52,55,500
1863-64						236,201	4,72,01,000
1864-65						598,260	4,53,00,110
1865-66						900,150	10,10,04,920
1860-67						1,968,688	26,80,12,150
1867-68						3,700,745	38,06,49,710
1868-60						3,117,050	44,00,73,020
1869-70						3,396,828	49,34,48,480
1870-71						3,855,477	56,63,62,620
1871-72						4,045,118	62,25,21,4
1872-73					. 1	4,480,446	57,39,09,52
1873-74						4,915,365	61,69,24,575
1874-75						5,145,682	68,25,78,760
1875-76						5,325,790	62,69,70,815
1870-77						5,777,514	78,77,51,185
1877-78					- 4	6,251,704	99,52,50,980
1878-79						5,853,587	86,09,06,930
1879-80						6,252,415	81,51,93,855
1880-81						6,731,153	85,23,94,490
1881-82					. !	0,066,875	71,68,22,915
1882-84						6,417,898	73,71,65,755
1883-84					. 1	6,828,374	67,02,69,920
1884-85				-	. 1	6,014,915	73,99,22,615
1885-86						6,610,519	76,10,25,730
1880-87						6,737,250	74.12.50,165
1887-88				A		7,234,682	81,20,40,665
1885-80					0.6	7,415,524	00, 30,02,285
1889-90						7,413,571	03.41,05,680
1800-91						8,103,359	1,03,24,77,850
1891-92						8,610,623	97,47,43,940
1892-93					-	8,886,670	1.14.81.33,500
1893-04		0				8,544,100	1,03,97,64,180
1894-95		4				9,337,690	1.00,57,23,145
895-96			0			10,201,410	1,17,17,93,445
1890-97	9	0				10,172,817	1,22,04,01,040
1807-08						10,323,201	1,28,18,50,015

and cancelled during 1897-98.

ayees.	100	Rupees.	500	Rupees,	1,000	Rupees.	10,0	oo Kupees.	11 7	OTAL.
Value.	No.	Value.	No.	Value,	No.	Value,	No,	Value,	No.	Value.
	594,001	5,94,00,100								
71,92,300	53,984	53,98,400	79,216	3,96,08,000	146,745	14,67,45,000	19,774	19,77,40,000	4 600	.0 00
10,37,650	102,100	1,02,10,900	14,356	71,78,000	9,819	98,19,000	5,051	5,05,10,000	4,630,273	48,79,22,863
31,00,000	187,140	1,87,14,000	26,713	1,33,56,500	19,627	1,96,27,000	7,032	7,03,20,000	235,975	7,55,40,315
54,06,950	14,488	14,48,800	14,336	.71,68,000	54,072	5,40,72,000	16,356	16,35,60,000	590,565	12,12,51,350
6,32,400	393,732	3,93,73,200	2,155	10,77,500	9,561	95,61,000	523	52,30,000	3,544,271	26,92,80,105
31,33,000	16,412	10,41,200	34,373	1,71,86,500	25,110	2,51,10,000	8,736	8,73,60,000	149,476	1,92,04,970
1,87,300	151,425	1,51,42,500	9,646	1,39,500	384	3,84,000	47	4,70,000	1,543,661	18,24,35,545
14,25,950	*3*,4*3	1,31,41,300	9,040	48,23,000	32,060	3,20,60,000	6,579	6,57,90,000	52,649 576,331	30,78,500
2,21,15,550	1,513,291	15,13,29,100	181,074	9,05,37,000	297,378	29,73,78,000	64,098	64,09,80,000	10,323,901	1,28,18,50,915
007	14.66	***	1.76		2.88		*62	***		.100,10,30,91
193	***	1811	***	7.06	***	23.5			100	940
72,83,200	591,876	5,91,87,600	79,015	3,95,07,500	148.812		***	50		100
11,70,400	50,137	56,13,700	15,880	79,40,000		14,88,12,000	19,269	19,26,90,000	4,597,230	48,44,25,655
30,10,350	100,526	1,00,52,000	25,203	1,26,01,500	11,335	1,13,35,000	5,219	5,21,90,000	245,508	7,48,84,205
54,87,650	192,687	1,92,68,700	15,817	79,68,500	19,016	1,90,16,000	7,028	7,02,80,000	547,420	11,91,97,130
6.80.050	15,815	15,81,500	2,414	12,07,000	57,662	5,76,62,000	16,098	16,09,80,000	2,535,475	27,16,03,620
32,33,100	467,743	4,67,74,300	34,818	1,74,09,000	25,265	1,01,59,000	605	60,50,000	184,895	2,13,33,030
12,00,800	18,031	18,03,100	309	1,54,500		2,52,65,000	7,174	7,17,40,000	1,564,825	16,87,65,595
14,64,000	148,019	1,48,01,900	9,702	48,51,000	353	3,53,000	58	5,80,000	59,380	34,04,560
					32,100	3,21,06,000	6,549	0,54,90,000	567,276	12,25,47,800
9,25,49,550	1,530,834	15,30,83,400	183,158	9,15,79,000	304,708	30,47,08,000	62,000	62,00,00,000	10,302,000	1,27,11,61,595
400	14.85	948	1'78	***	a-96	889	-6	***	100	(1)
1'78	***	12'04	***	7'2	000	23'97	***	48'78	***	200
60,20,200	530,581	5,30,58,100	67,168	3,35,84,000					100	100
11,76,250	55,832	55,83,200	15,88c	79,40,000	119,010	11,90,10,000	2,151	2,15,10,000	3,725,765	26,26,50,740
27,10,100	91,823	91,82,300	22,857	1,14,28 500	10,804	1,08,04,000	8,350	1,35,90,000	217-076	4,00,82,315
50,78,050	183,374	1,83,37,400	15,753	78,76,500	17,185	1,71,85,000	860	86,00,000	406,539	5,26,17,550
6,90,850	15,787	15,78,700	2,495	12,47,500	55,582	5,55,82,000	9,056	9,05,60,000	1,468,920	18,77,50,130
31,16,400	404,405	4,04,46,500	33,046	1,69,73,000	9,637	96,37,000	604	60,40,000	178,240	2,07,79,855
2,07,450	17,580	17,58,000	304	1,52,000	23,601	2,30,01,000	3,260	3,26,00,000	1,487,750	12,64,63,130
14,61,600	145,199	1,46,19,900	9,720	48,60,000	253	2,53,000	55	5,50,000	58,979	32,28,670
	-40,-39		91/20	40,00,000	32,093	3,20,93,000	6,526	6,52,60,000	563,344	12,21,11,395
04,60,900	1,445,641	14,45,64,100	168,123	8,40,61,500	268,165	26,81,65,000	23,871	23,87,10,000	8,186,619	81,62,83,785
••	17.66	464	3.02	500	327	***	-20	944	100	
3.21	***	1771	***	10.3	***	32.82	000	29'24		IOD.
101	94'44	***	91'79		88	***	36'5	400	79'46	3.00
		11				1	3.3		1940	**

n 1861-62 to 1897-98.

NOTES F	RECEIVED.	Notes C	ANCELLED.
No.	Value,	No.	Value.
2,000	10,00,000	111	
82,820	1,49,55,500	52,520	1,10,05,500
248,582	4,17,01,000	240,478	3,74,51,000
253,708	3,37,69,900	214,290	3,15,66,660
854,111	9,98,39,180	386,174	3,90,71,620
1,917,381	25,36,97,220	831,631	7,50,95,040
2,424,319	30,72,64,270	998,679	10,85,26,500
2,936,353	44,69,90,180	1,553,433	14,25,85,600
3,353,591	48,70,24,340	1,906,794	22,30,04,250
31728 482	56,66,28,810	2,005,842	24,79,56,650
3,813,61	60,48,10,940	1,894,516	25,64,00,160
4,194,129	59,96,88,825	2,150,039	25,00,27,590
4,620,018	62,64,55,900	2,565,830	26,20,42,800
4,7/12,530	63,66,57,570	3,094,093	28,68,65,125
5,200,541	62,17,81,655	3,500,388	29,62,56,840
5,702,046	77,87,26,475	3,661,384	37,89,18,425
6,120,202	96,25,97,735	4,399,755	45,50,76,735
6,036,955	90,75,19,920	4,115,911	42,84,10,310
6,667,688	80,79,23,265	3,889,150	35,31,49,630
6,625,315	84,04,84,390	4,172,534	38,61,13,350
5.964,017	71,09,97.:75	3,855,555	37,95,01,280
6,164,317 6,769,757	73.16,24,485	4,344,957	43,60,03,315
6.603.227	68,93,02,090	4,710,289	42,34,58,825
6,692,313	72,12,80,855	5,137,324	43,21,77,545
0,57,354	76,55,44,465	4,750,480	42,79,23,405
6,873,377	74,47,96,640	4,850,426	42,80,60,590
7.365,395	80,55,70,115	4,892,405	46,06,32,630
7.330,692	91,17,66,030	5,121,223	48,37,09,505
350,406	93.37.97.425	5,203,114	48,16,61,600
314,479	93,35,27,600	5,460,509	51,83,12,975
1427,058	09,00,37,240	5,714,482	61,02,38,340
1,768,876	1,12,35,71,880	6,646,673	75,62,22,125
501,854	99,92,60,205	6,856,184	74,08,32,490
4938.61c	1,00,23,36,925	6,523,336	77,19,87,250
0,162,391	1,21,74,23,785	7,363,750	89,83,01,490
1,302,000	1,24,98,63,505	8,024,621	84,06,65,940
-	1,27,11,61,595	8,186,619	82,62,83.785

No. 111.

Statement of Receipts and Expenditure of the Department of Issue of Paper Currency fourthe year 1897-98.

	Calcutta.	Allahabad.	Lahore.	Bombay.	Karachi.	Madras.	Calieut.	T Rangoon.	Total.
RECEIPTS.	R a. p.	R a. p.	2,29,973 \$ 9	7,87,970 9 4	R a. p.	R a, p.	R a. p. 14,374 14 4	64,688 7 6	29,83,865 so o
Miscellaneous Sundry Cash Receipts.	1,109 13 6 5,862 8 0	72 13 0	199 7 10	173 0 9	47 15 0	323 8 10	245	75 0 0	1,926 10 11
Value of uncramed currently source	01 2 952.00.11	1,55,646 15 3	2,31,060 0 7	7,89,553 10 1	94,314 11 3	3,46,411 0 1	14,919 14 4	64,763 7 6	
DIS lage (13	4 70	44	5,649 0 0	33,537 11 2	3,220 14 8	24,321 0 9	2,18,142 11 2
Compensation for dearness of Provision	5,371 15 5	157 0 8	0 : :	000	60	00	639 11 0	7,298 8 10	7,968 0 3
Charges for Kemitance Stationers	3,219 6 0	(7) (7)	766 5 6	2,658 12 7	50 2 3 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	567 0 0	er 147	204 3	7,896 84 3
Service Telegrams Purchase of Service Stamps	140 3 6	410 0 0	m C1 m	0 2	369 0			65	13
House, Lighting, Police and Water Rates Cost of Note Forms	1,27,897 5 8	0 4 0		0 14	000 600	00 0	9	5,336 7 8	1,28,370 0 2 1,071 15 0
One-third freight on Europe Stores Pensions and Gratuities	6,322 8 5	141	497 0 0	593 14 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	652 II 10 475 14 8	250 0	321. 2	2 2
Cost of Chests, Bags, and Locks	7,372 3 7	193 0 6	2,096 8 11		225 3 6		15. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10		20,150 0 8
Traveling Allowances	293 2 0	0 9 621		173 8 0	0 0 001			67 8 0	-
So-103: Date of the part of th	2,62,328 4 7	14.495 7 0	22,573 11 3	1,34,362 12 9	11,869 6 10	78,472 10 3	10,563 4 9		5
LOINE DISSURBERING DESCRIPTION PROFIT	10,37,918 3	1,41,151 8 3	2,05,486 5 4	0,55,220 13	82,445 4 5	2,67,938 5 10	4,356 9 7	31.492 11 7	24,20,009 13 7

ABSTRACTS.

FOTAL.	1,57,316 10 2 3,27,731 6 10 2 16,55,4979 0 8 16,55,8391 10 6 16,55,8391 10 6 16,55,8391 10 6 16,55,8391 10 9 16,93,867 10 9 16,93,867 10 9 16,93,867 10 9 16,93,867 10 9 23,699994 8 1 23,599994 8 1 23,599994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,5999994 8 23,599994 8 23,5999994 8 23,5999998 8 23,5999998 8 23,599998 8 23,599998 8 23,599999 8 23,59999 8
Rangoon.	g
Calicut.	6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6
Madras.	8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8
Karachi.	4,637 7 9 2 4,637 7 9 2 4,637 7 9 9 2 4,637 7 9 9 2 4,637 8 9 9 2 4,659 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Bombay.	5, 11, 746 8 19, 5, 6, 6, 7, 8, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19
Lahore.	31,484 2 3,31,517 0 0 3,51,517 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Allahabad.	4, 45, 28; 4, 45, 28;
Calcutta.	7.53,316 10 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	α Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ

Not the			21.17		-												11		
01227022	8,16,00,503 13 7	5,885 5 10 5,30,812 8 10 3,65,408 10 4	צוחמים	0 = 12	- 0.0	00=	470		0=		1300	2 2 2	5,23,408 7 0	20	5,67,936 5 4	_			
-	25					difference and processes				* = 0	400 1	400	Q == U) = 4 -		1			
0000000	10								40	00 100	400	27:	N 4 C	2 22	= -	3 1		-07	
32,681 34,951 74,401 48,5/18 41,578 54,794 54,307 64,763	● 6,25,546	* 9 0 0 8 0 0 8 0 9 0 9 0	9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	10,638	14,234	16,599	26,528 20,5363	40,827	25,015 20,418	33,270	3,31,950	4,90,090	in 1896.	
00000004	0		41700	40 ~				10 = 0						200		0	- 11	ed	
11.958 0 11.958 0 15.615 0 15.958 0 16.959 0 14.919 14	6,98,599 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,112 11	4,657 14				5,621 13 4,934 0	7,828 6,451 5,643			5,558 3 6,536 15			10,563	2,10,405 12	4,82,133	is Report of That year. ments differed from approximate hgures reported in 1896-97	
000000000	9		200					0 0 0		2 2 2		6 11	E 0/4			12 2	4	ngy	with 2.4
2,74,387 14 3,66,728 0 3,164,28 10 4,04,04,27 10 5,61,465 12 3,48,153 4	84,64,482 \$		59,511 2 78,872 13 61,950 15					33,697						985,912	78,472 1	17,11,691 1		roximate	Difference, Increased + Decrease -
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8,42,%27 9,05,031 10,64,797 10,60,092 11,83,098 7,49,673 7,49,673	2,60,49,762	2,494 1,73,996	3,06,084	1,29,160	1,21,404	1,64,282	86,264	1,92,575	78,796	(a)1,13,446		(a)1,27,866	(a)1,74,942 1,29,150	2,05,752	1,34	_	2,0	3 0	
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14 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	40,76.		217	20.2	10, 13, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19	2 4 5		2 4 10 1	11.7	25.5	13	1010	7 48	2.5	20 64	5.87	34,59	note forms not show	22
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1,23,653 1,23,653 1,25,716 1,32,653 1,18,429 1,18,420 1,25,505	33,02,158		20,329	13,458	14,991	20,576	44,446	15,516	21,755	22,8	15,043	15,491 15,891	15.5	15,636	14,578	5.45,023	26,57	s cost of	
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10,59,200 12,13,544 12,35,145 14,22,973 14,90,190 12,40,301 12,81,703	3,65,62.572	2,639 3,06,205	1,40,049 34,145 4,00,080	5,27,735 90,086 5,71,781	99,999	1,27,75	1,26,7	1,82,693 2,38,041 1,41,472	1,21,867	2 2 2 2	2,34	2,21	6, 6,	3,000 co	3,64	36.21	2,89,40,919		
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		DISBURSEMENTS			a													The following are	2
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1858-59 1859-50 1891-92 1892-93 1893-04 1894-93 1855-96	nA.	861-62	THE REAL PROPERTY.				Str. De la		, DO OD P	3 373 DELE	G 02 00	UG 109 L							

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Decrease.	+338 0 2	42 00 0	0 1 81 4	+2 5 6	+36 0 0	1 0	+359 11 8
R a. A.	18,402 13 0	1,91,989 5 0	34,132 12 5	95,079 0 3	7,739 8 5	29,417 1 4	40000
Decrease +	-125 0 0						
Receipts &	1,221 4 0						
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	Lahore, Approximate	Bombey, Approximate	Karachi, Approximate	Madras, Approximate	Calicut Approximate .	Rangoon, Approximate	Final increase or decrease

No. IV.

Classification of Treasuries according to Encashment of Notes.

	A	3.ºº • •	14	В		C	The second secon		1	
year to	which were able cash notes at all f the public dema	times to the	Treasuries	ordinarily able to on presentation	to cash notes	Treasuries at which this could not usually		A.	В.	C.
Ajmere.	Quetta.	Sambhar. Sahore.	Nowgong (Bundelkhand	India.	1	Coorg. Indore.	•	4	1	2
			Cent	ral Provi	inces.					
Balaghat. Betul. Bilaspure Chanda.	Damoh, Jubbulper,	Nagpur. Narsingpur. Raipur. Saugor.	Rhandara. Chhindwara. Hoshanga- bad. Mandla. Nimar.	Sambulpur.	Seoni. Wardha.			10	8	•
Bassein. Henzadah. Kyoukphyoo. Kyoukes. Mandalay. Maubin.	Mergui. Myaungmya. Pegu. Prome.	Sandoway. Tavoy. Tharrawady. Tounghoo. Thaton.	Bhamo. Katha. Kindat. Lashio Magwe. Mesktila.	Burma. Minbu. Mogok. Monywa. Myingyan, Myitkina. Pokkoku. Sagaing.	Shwebo. Taunggwi Thayetmyo. Yemothin.			15	17	0
Garo Hills.	Khasi Hills.	Nowgong,	Cachar.	Assam.	Naga Hills.	Darrang.				
Goalpara.	1	Sylbet	Kamrup.	Lushai Hills. Manipur.	Sibsagar.		ı	5	7	1
Backergunge Balasur. Bankoora. Beerbhoom. Bhagalpur. Bogra. Burdwan. Chittagong. Champarun. Cuttack, Dacca. Dinagepur. Durbhunga. Futreedpur.	Hazaribagh. Hooghly. Howrah. Jessore. Julpaiguri. Khoolna. Lohardugga. Matbhoom. Midnapur. Monghyr. Mozufferpur. Murshedabad Mymensing.	Singbhoom, Tipperah.		Bengal.		Darjeeling.	'n	44	0	1
Gyn.	1	24-l'ergun- nahs.	N _337	P. and	Oudh					
Agra. Aligarh. Azamgarh. Bahraich. Ballia. Banda. Bara-Banki. Basti. Budaun. Cawnpore. Etah. Etawah.	Faizabad. Farihpur. Ghazipur. Gonda. Gorakhpur. Hamirpur. Hardoi. Jalaun. Jaunpur. Kheri. Lucknow.	Mirzapu - Moradabad, Muttra. Muzzfiarna- gar. Pilibhit. Rae-Bareli. Rurki. Saharanpur. Sitapur. Sultanpur. Unao.	Bareilly, Benures, Bijnor, Bulandshahr,	Meerut,	Oudn.	Dehra Dun. 1 Naini Tal.	1	37	7	\$ 1.50 Visit 100
	Mainpuri.			Punjab.						
Amritsar. Dera Ghazi Khan. Dera Ismail Khan. Ferozepur. Gujranwala.	Gujrat. Gurdaspar. Gurdaspar. Hissar. Hosbiarpur. Jhang. Jullunder. Kangra. Kohat. Kurram.	Ludhiana. Montgomery. Multan. Muzaffargarh. Rawalpindi. Shahpur. Sialkot. Simla.	Bannu. Hazara. Jhelum.	Kernal.	Peshawar. Rohtak. Umbalia.			23	7	•
Anuntapur. Chingleput. Coimbatore, Cuddapah, Kistna. Kurnool. Madura.	Nellore. North Arcot. Salem. South Arcot. Tanjore.	Travancore. Trichinopoly. Vizagapatam.	Bellary.	Madras. Ganjam. Godavari.	Mala bar. South Canara Tinnevelly.	Bangaiore.	/ Nilgiris.	15	6	8
Aden. Ahmedabad. Ahmedangar. Belgaum. Bijapur. Broach. Dharwar.	Hyderabad (Sind). Kaira. Kanara. Karachi. Kathiawar. Khandesb.	Nasik. Poona. Ratnagiri. Satara. Sholapur. Surat. Thanna.	Baroda. (Sikarpur.	Cutch (Bhuj).	1	21	2	
	Kolaba.		H	yderabad.		Akola, Basim. Buldana.	Ellichpur. Wun.	0	0	6
4						TOTAL O	n A D C	174	244	15

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1897.
December
375
20
balances
other
and
Treasury
20
Statistics

				DENOMIN	DENOMINATIONS OF NOTES.	TES.				TOTAL.	AL.			PERCEI	Percentages Notes.
	S,	70°	R 30.	Ryo	18 100°	R 500°	R1,000.	R10,000.	Foreign Notes.	Notes.	Cash.	Gold Cois.	Total.	December 1897.	December 1896.
Trespuries and Branch Banks.				,	4						9				
Calcutta Circle	44.170	4,79,660	1,53,120	3-44-450	14,65,900	4,92,000	6,58,000	20,10,000	7.52,785	1,24,00,085	84,28,676	1,97,035	2,10,25,796	89	B
Allahabad	13,965	72,020	83,460	1,39,850	3,13,600	3,70,000	4,17,000	6,10,000	15,25,010	35,36,905	1,00,81,004	0 0	1,45,17,909	3	92
Labore	\$2,055	62,500	80,800	1,32,150	3,15,200	2,81,500	2,40,000	8,40,000	3,38,380	23,22,585	54,68,597	i	77,91,182	8	23
Bombay	72,930	13,44,600	1,76,000	2,68,500	6,17,500	2,21,500	7,35,000	48,30,000	1,47,555	83,03,585	57,00,080	i	1,40,03,665	S	\$
mdsen	7,70\$	23,870	13,240	.65,200	1,36,200	17,500	3,000	1	81,520	3,47,235	37,25,272	*	40,72,507	60	2
Karachi · · ·	3,700	1,02,430	43,800	42,000	1,38,300	1,01,500	3,02,000	\$,00,000	10,110	9,42,840	6,67,784	:	16,10,624	B	8
Madras	31,510	1,39,060	59°460	89,350	5,74,700	000/96	000,80	7,30,000	1,49,130	89,57,310	66,45,695		86,03,905	27	. E
Calicut	15,815	18,530	13,920	32,350	2,55,300	8,000	4,000	*	2,13,635	5,61,540	15,97,627	:	21,59,167	98	2
Central India	24430	15,060	8,480	13,530	39,900	17,500	31,000	:	9,990	1,37,910	16,29,305	*	17,67,215	60	.8
Burna	11,030	44,680	48,340	95,550	4.47,700	35,000	3,55,000	\$2,20,000	1,02,035	33.59.335	33,57,644	:	67,16,979	8,	98
TOTAL .	2,34,310	21,91,400	6,82,630	12,12,950	43,64,300	16,40,500	28,43,000	1,74,30,000	33,30,150	3,38,69,230	4,82,02,684	1,97,035	8,23,68,949	8,	. 8
Presidency Banks, Head Office.															
Bank of Bengal	10,010	5,45,250	53,660	81,750	4.57,900	3,44,000	10,86,000	:	35,73,050	61,51,620	3,80,916	* 0	64,32,536	33	93
. Bombay .	20,105	1,50,780	73,480	73,200	1,81,300	3,96,500	38,04,000	35,80,000	80,445	67,68,810	1,19,399	:	68,88,300	8	8
Madres.	21,520	1,00,430	41,340	41,100	3,48,300	2,12,500	4,58,000	10,00,000	0 0 0	22,23,180	11,86,266		34,09,446	S.	. 88
TOTAL	60,635	7,96,450	1,68,480	0\$0'95'1	9,87,500	9,53,000	47,48,000	35,80,000	36,53,495	1,51,43,610	15,86,581		1,67,30,191	8.	8.

No. VI.

Issues and Receipts of Rome Notes at each Circle.

02-				Circ	CIRCLES				
	Calcutta.	Allphabad.	Lahore.	Bombay.	Karachi.	Madras.	Calicut	Rangoon,	Torat.
	Q¢	Q¢	Q	98	οξ	, Og	QE	QE	94
Circulation on 1st April 1897	10,19,98,620	1,69,41,645	1,96,61,835	5.95,73,055	1,07,22,105	2,77,88,295	15,66,875	53,57,155	24,36,09,585
Over the counter • • • • • • • • • • • • • • • • • • •	38,69,46,170	2,89,52,680	3,25,12,560	25,05,63,105	1,26,04,970	10,38,36,545	30,78,500	12,25,12,265	94,10,06,795
In Remittance Transactions and Agencies	2,99,42,695	2,42,12,635	4,42,45,990	1,13,29,000	000,00,000	5,29,62,010 2,56,36,990	0 0 0 0 0 0	1,00,000	16,26,92,339
TOTAL ISSUES	48,79,22,865	7,55,40,315	12,12,51,350	27,10,01,305	1,92,04,970	18,24,35,545	30,78,500	12,31,37,265	1,28,35,72,115
TOTAL OF BALANCE AND ISSUES	58,99,21,485	9,24,81,960	14,09,13,185	33,05,74,360	2,99,27,075	21,02,23,840	46,45,375	12,84,94,420	1,52,71,81,700
RECEIPTS.									
At Agencies From the Currency Circles	33,09,90,350 6,46,500 1,25,37,430	2,79,99,535	2,23,36,050 13,27,500 3,03,95,535	18,80,34,870 10,98,000 1,51,34,295	1,19,65,195	10,52,13,090	6,07,765	7,07,865	79,74,72,845 30,72,000 11,51,66,885
In Remittance Transactions and Agencies . Between Circle .	3,89,41,730	2,63,00,220	6,31,38,045	1,22,92,630 5,67,65,025	1,51,500	3,93,47,270	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• G	18,00,19,895
TOTAL RECEIPTS .	48,44,25,655	7,98,84,205	11,91,97,130	27,33,24,820	2,13,33,030	16,87,65,595	34,04,560	12,25,47,800	1,27,28,82,795
BALANCE IN CIRCULATION ON 31ST MARCH Toyle .	10,54,95,830	1,25,97,755	2,17,16,055	5,72,49,540	85,94,045	4,14,58,245	12,40,815	59,46,620	25,42,98,905

Issues and Receipts of Coin at each Circle.

				CIRCLES	ES.				
	Calcutta.	Allahabad.	Lahore.	Bombay.	Karachi.	Madras.	Calicut.	Rangood.	TOTAL.
Balance on 1st April 1897 · · · · ·	9,88,80,811 6	1,35,82,955	2,68,23,280	1,51,06,763	# 37,14:355	3,50,91,540 0	13,85,480	1,23,47,940	P 13,75,33,124 . 6
RECEIPTS. (Gold (coin and bullion)	17,67,862 0	4 0 0		7,86,207 0			***	135	25,54,204 0
Over counter . Silver	5,34,05,643 0	1,16,22,300	1,21,69,945	6,04,59,133 0	22,35,330	72,46,985 0	27,11,600	5,03,82,390	20,02,33,316 0
At Agencies	6,92,500 0	15,000	95,31,800	15,98,000 0	0 0 0	Ø 49 49 49 49 49 49 49 49 49 49 49 49 49	:	5,25,000	1,23,62,300 0
New Coin received on account of the Bhepal Advances	17,21,237 0	• • • • • • • • • • • • • • • • • • •	****	16,40,000 0	0 0 0 0 0 0 0 0		0 0 0	## ## ## ## ## ## ## ## ## ## ## ## ##	33.61,237 0
Received from Reserve Treasury do. do.		49 4 4 40 60 70		2448,763 0	© 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24,18,763 0
In Remittance transactions and Agencies .	5,17,46,776 12	3,93,68,418	3,07,20,002	1,61,62,000 0	0 0 0 0	6,40,26,718 10	•	1,96,99,300	21,17,23,215 6
(Between Circles	2,59,75,171 8	000,00,60	1,05,00,000	1,33,20,681 4	15,60,000	p 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25,000	3,58,86,600	9,41,67,452 12
TOTAL RECEIPTS .	13,53,09,190 4	4.79,05,718	6,29,21,747	9,63,84,784 4	37,95,320	7,12,73,703 10	27,36,600	To,64,93,425	52,68,20,488 2
TOTAL OF BALANCE AND RECEIPIS	16,41,90,001 10	6,14,88,673	8,97,45,027	11,14,91,547 4	75,09,675	10,69,65,243 TO	41,22,080	11,88,41,365	66,43,53,619 8
Over the counter	6,07,54,900 0	83,01,100	63,82,760	3,34,58,228 0	83,59,250	1,17,38,130 0	2,40,865	4,97,71,145	1740,06,378 0
At Agencies	5,65,000 0	•	8,66,300	10,98,000		• • • • • • • • • • • • • • • • • • • •			25,29,500 0
Coin remitted to Bhopal Durbar	0	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$7,80,000 o		***************************************	0 0 0 0	***************************************	57,80,000 0
In Remittance transactions . \ and Agencies .	6,16,61,076 12	3,14,56,003	4.96,12,057	1,71,25,630 0		\$,17,31,553 To	***	1,96,99,300	23,12,85,626 6
(Between Circles	81,45,028 8	82,55,805	99,90,410	2,50,60,454 4	8,00,000	0 010,00,11,1	18,75,000	3,80,77,000	10,39,03,707 18
Coin paid on Bullion certificate	7,862 0		***		•	5 G G G G G	•	0 0	7,862 0
Total Issues	13,11,33,867 4	4,80,12,908	6,68,51,727	8,25,23,312 4	31,59,250	7,51,69,693 10	21,15,865	10,75.47,445	51,65,13,068 2
Balance of Coin, 31st March 1898 .	3,30,56,134 6	1,34,75,765	2,28,93,300	2,89,69,235 0	43,50,425	3,17,95,550 0	20,06,215	1,12,93,920	14,78,40,544 6

lasues. Rections with Agencies. Issues. R	17,71,51,170 0 16,69,68,130 0 18,00,19,895 0 16,26,94,330 0	39,39,77,950 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Receipts.	18,00,19,895 0	39,17,43,110 6	22,34,840 e	***
tions with other Circles.	16,69,68,190 0	27,08,71,897 12	2,46,725 0	2,00,000 0
Kemittance transaci Receipts.	9,41,67,452 18	27,13,18,622 12	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	• Home notes (Statement VI) Coin (Statement VII)	in paragraph in	Remittance Amount received at Calcutta, but not	paid at Allahabad and Rangoon until after the 31st March 1898.

(In Lakhe of Rupees.)

No. VIII.

Value of Currency Notes in Sirculation on the last day of each month.

-69-2981 -69-2981 -69-2981	5,68 7,48 7,03 7,84 8,92	6,04 7.46 7,87 8,19 10,04	5,99 8,34 8,60 8,53 to,04	6,31 8,58 8,67 8,72 10,06	6,37 8,69 8,48 9,39 10,13	6,48 8,87 9,28 9,53 10,41	7,09 7.84 10,16 9,96 10,61	7,13 7,83 10,10 10,21 10,41	7,48 7,40 9,96 10,32 10,30	7,39 6,91 8,68 10,11 10,20	7.40 6,87 8,87 9,56 10,68	7,43 6,90 8,09 9,07 9,6	6,73 7,76 8,82 9,28 10,15	10,08 18,67 6,96 5,59 8,60	9 96 - 8	3,557 3,98 3,25 3,91	
·o/-6981	9,80	10,38	10,80	10,53	10,31	10,18	10,76	11,33	11,31	11,42	10,82	9,96 10,47 1	1961	50 7,33	35 2,18	800	1
1871-72.	9,65 10,13	8,68 10,49	8,70 10,83	9,12 10,72	9,45 11,29	10,07 11,32	10,19 11,31	10,27 11,00	10,35 10,87	10,76 13,08	10,07 12,69	10,44 13,17	9,81 11,42	5,53	3,22 -1,16	3623 5,91	11
+6.5/81 -57.5/81	13,34 11,01	13,49 11,21	13,51 11,83	13,47 11,95	13,22 12,05	13,35 12,09	13,00 12,06	13,30 11,73	12,88 10,91	12,16	11,52 9,69	3 8 9 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12,86 11,15	71	12/1	5,69	and the second
-\$7-478:	01 9,27	31 9,96	83 10,16	95 10,73	10,87	00, 10,60	88'01 90	73 11,02	80'11 16	9,98 11,10	69 11,13	9,25 11,24	15 10,67	2,49 4,64	343	5,69 5,69	
.07-2781	10,75 10,	11,06 10,	11,29 11,	81,18	11, 19 11,	11,77	12,04	11,69,11	11,22 13,	12.83	11,28 12,	11,00	11,35 11,	1,555 7,	2,92	5,69	
*87-7781	10,73 11,13	10,70 11,55	11,59 12,67	11,54 12,85	11,91 12,15	11,75 12,39	11,45 13,19	11,93 14.74	11,97 15,05	13.44 15,64	12,57 14,07	11,62 13,57	11,64 13,25	7,20 14,68	-85 3.03	6,00 5,69	
-66-8181	13,30	13,00	13.87	14,07	14.27	14,06	13,70	13,46	12,69	12,15	12,20	2	13,19	3.97	288	00%9	
.08-9781	11,27	21,17	11,82	12,24	13,74	13,33	33.58	13,75 14	13,80 1.	14,23	13,28	12,36 1;	12,80	7,87	4,03	6,00	
18-0881	12,89 12,86	13,10 13,01	13,64 13,72	3,91 14,04	13,75 14,22	3,47 13,55	3,55 13,39	450 13,	14,38 13,15	4,12 13,39	3,25 13,74	13,40 13,91	13,66 13,50	3,89	3,09 2,1	6,00 6,4	
1883-83.	86 14,30	1949	72 14,91	04 15,29	22 (5,29	55 15.28	39 (5,82	13,07 16,25	15, 16, 16	39 15,37	74 1444	91 14,51	50 15,18	5,38 7,51	2,79 2,04	0,00 6,00	
48-5881	13,35	13,00	13,01	13,54	13,79	14,40	14,40	14,47	13,39	13,111	12,26	12,76	13,38	6,25	on on	6,000	
188-1-88:	12,34	13,24 E	13,83 14	14,56	14-97	15,01	13,61 1	15,76	15,08	14,97	14,53 14	14.58	14,54	***	:	6,00	
,58-2881 ,78-3881	13,02 13,	13,54 14,17	14,86 13,	14,50, 14,26	14.36 14.46	15,55 14,	15,71 14,	15,64 144	15,20 14,41	15,41 14,	14,56 14	14,17 13,	14.71 14	11,48 7,	· ·	5,99 5,4	
.88-7881	13,78 14,02	17, 13,90	13,78 14,08	26. 15.48	46 15,66	14,30 16,78	14.53 17.78	14,68 18,61	41 17,69	14,10 17,08	14,07 16,45	13,88 16,42	14,20 16,16	7,04 9,30	1,20 5.50	5,99 5,99	
.98-8881	16,54	17,03	17,69	18,05	17,69	16,94	16,74	15,50	15,15	17,28	14,83	15,74	16,43	9.38	2,79	86.3	
·06-6881	15,82	15,77	16,24	16,49	16,15	16,14	16,67	16,67	15.47	16,29	16,37	15,77	16,15	10,93	M 88 M	9	
.16-0681	17.42 2;	17,65 20	17,94 %	18,19 27	20,50	22,97 26	25,66	26,54	27,04 2	27,66 2:	26,42 27	28,69	22,89	14,17	i	7,00	
1891-92	35,71 23	26,18 25	92 18'92	37,04 38	26,93 29	26,24 28	25,99 28	25,88 28,	24,85 26	22,62 26	32,90 25	24,08 26,	25.44 27	9.15, 12	ly.	80	
*P6-E681	23,96 24,	35,28 24,	26,77 26,	38,46 27,	29,07 28,	28,97 28,	28,94 28,	8	26,05 30,	26,61 30,	25,86 30,	9	27,10 28,	12,87, 13,	ei 98	8,000	
186-1681	24,22 30,64	24.99 31,13	26,49 31,40	27,05 31,20	28,30 31,57	28,98 31,23	28,94 31,81	62 38,35	30,13 31,45	30,52 29,50	30,20 30,35	30,41 30,70	28,32 31,11	3,15 6,36	2,61 -1,12	8,00 8,00	,
.36-3681	30,76	13 30,17	30,86	32,43	31,54	13 30,37	39,98	15 28,39	15 27,82	50 27,12	\$5 25,99	15,94	19,28	6,39	- 58	8,00	
·/6-9681	25,92	26,89	27,78	29,59	28,23	26,89	25,68	24.53	.25,26	24,27	23,58	23,75	25,98	84.2	3,33		

No. IX.

Currency Notes in Circulation in India. (In Lakhs and Thousands of Rupees.)

LAST	DAY OF		Calcutta.	Allahabad.	Lahore.	Bombay.	Karachi,	Madras.	Calicut.	Rangoon.	TOTAL.
lanuary February March April May June July August September October November December		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5,89,59 5,77,11 5,66,50 5,38,78 5,36,63 5,00,32 5,71,90 5,66,85 5,69,35	68,87 73,12 65,68 67,81 65,77 99,61 81,12 77,38 79,39 80,44 73,96 77,86	80,95 80,85 78,43 84,00 79,86 75,26 81,82 85,79 86,15 91,14 93,12 80,79	5,13,42 4,58,00 4,34,93 3,99,17 4,33,49 4,28,03 4,97,81 4,66,59 4,34,75 4,59,93 4,73,98 3,88,62	45,63 43,28 52,75 60,59 60,78 51,80 54,01 50,69 52,99 50,06 49,80 47,31	1,54,18 1,86,63 1,70,51 1,59,90 1,74,45 1,45,35 1,31,73 1,62,48 1,61,01 1,47,09 1,42,99 1,58,61	9,91 9,56 9,60 17,33 10,37 12,08 15,79 15,03 17,67 13,86 13,97	36,19 10,73 15,72 12,01 25,65 27,48 20,16 20,54 42,94 50,05 07,00	15,41,14 14,55,57 14,17,21 13,77,94 14,16,87 13,78,06 14,26,44 14,44,44 14,30,40 14,53,21 14,67,82 14,41,15
January February February March April May June July August September October November December	87.		5,89,76 5,96,40 5,96,37 5,77,38 5,73,82 5,72,58 5,67,78	89,71 79,55 61,17 57,17 56,85 75,73 1,05,15 96,08 95,62 1,02,47 97,19	80,67 78,80 79,78 84,00 88,80 80,88 93,34 1,02,37 1,05,30 1,03,56 1,00 40 87,64	3,96,66 3,88,92 3,81,26 4,19,99 4,13,89 4,04,99 4,09,21 5,07,34 5,58,52 6,15,23 6,58,53 5,52,91	38,15 39,79 43,98 37,76 40,68 39,60 42,95 47,44 51,72 56,85 59,92 50,04	1,68,83 1,89,08 1,83,49 1,62,70 1,04,88 1,71,61 1,58,23 1,72,20 1,77,89 1,76,09 1,74,85	10,72 9,55 9,74 10,59 12,90 14,70 19,53 13,49 12,66 10,22 9,41 8,74	37,15 31,90 31,86 33,97 34,94 46,39 56,59 58,22 71,10 87,45 1,08,54 94,08	14,09,84 14,07,44 13,87,08 14,01,05 13,90,32 14,07,72 15,47,58 15,65,82 17,78,05 18,61,03 17,69,26
January February March April May June July August September October November December	88.		6,76,96 6,67,66 6,44,77 6,40,53 6,99,59 7,21,89 6,62,07 6,09,10 6,14,68 6,81,68 6,51,68	1,01,80 88,28 90,46 68,33 89,96 99,14 1,11,24 85,98 83,47 82,18 79,45 95,49	88,68 81,96 82,20 87,99 92,37 82,33 87,95 95,80 82,96 91,05 80,38 81,24	5,3°,36 5,43,98 5,33,37 5,50,87 5,37,87 5,98,32 0,86,83 7,05,38 6,57,76 5,00,33 4,43,92 4,01,70	48,87 67 1 48,54 49,89 49,64 42,98 39,07 30,65 34,23 38,67 34,66 33,87	2,05,60 1,79,86 1,97,99 2,18,21 1,93,42 1,76,85 1,70,68 1,72,62 1,68,39 1,67,89 1,91,01 1,94,02	9,31 8,20 7,45 9,93 9,66 11,25 15,45 15,75 12,21 10,17 9,77	36,15	17,07,68 16,45,00 16,44,44 16,54,03 17,02,54 17,08,91 18,05,53 17,09,17 16,94,09 16,73,63 15,50,44
January Bebruary March April May June July August September October November December	389.		6,57,89 6,67,07 6,68,81 6,62,54 6,73,96 6,07,46 6,01,31 6,27,51 6,44,96 6,45,67	69,69 65,87 60,11 72,87 90,80 73,45 85,82 87,14 81,63 86,73	79,11 78,39 85,15 90,78 85,79 85,79 85,25 88,59 84,01 86,93 81,76 77,70	4,40,92 4,15,95 5,03,27 5,15,56 4,90,97 5,19,56 5,45,70 5,70,59 5,14,63 5,74,12 5,83,59 4,48,19		1,81,67 1,71,59 1,71,95 1,82,88 1,69,79 1,85,85 1,82,00 2,10,46 1,90,57	9,26 9,85 81,39 10,22 14,36 17,78 15,23 15,09 17,13 14,90 10,76	27,55 28,26 18,97 23,03 28,99 27,93 21,58 27,84 28,98 24,98	15,27,62 14,82,98 15,73,78 15,76,66 16,24,30 16,49,51 16,13,81 16,162,98 16,66,78 15,46,65
January February April May June July August September October November December	890.		6,56,58,77,6,74,02,7,19 0; 7,34,21,7,59,4; 7,75,5; 7,97,0,8,72,6	78,99 74,58 64,33 68,07 87,91 88,61 92,71 89,23 1 1,00,73	80,77 82,48 90,10 1,09,20 96,61 99,46 1,05,57 1,15,09 1,24,66 1,29,74 1,20,26	5,33,07 4,46,88 5,73,06 5,76,01 5,66,14 6,62,43 7,29,66 8,48,56 10,11,93	39,08 40,13 47,70 45,33 41,50 40,64 44,70 51,4; 51,60	3 2,36,48 2,11,80 1,83,93 1,91,62 1,99,39 2,04,85 7 2,33,25 2,37,95 8 2,22,43	9,85 11,02 15,10 10,40 20,21 18,60 19,2 23,60 24,60	28,51 28,63 29,52 36,44 21,59 27,66 46,70 53,64 69,41	16,28,94 16,37,23 15,77,18 17,41,95 17,04,69 17,93,59 20,49,98 22,97,11 25,75,55 20,54,36 27,04,07
January February March April May June July August September October November December	1891.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,96,4 9,05,6 9,36,6 9,16,6 10,17,1 10,66,1 10,67,1 9,58,1 9,39,1 9,00,1	1,07,66 98,80 98,42 1,01,83 1,34,93 11,0,55 11,0,55 11,41,81 1,40,53	1,37,85 1,45,31 1,44,11 1,46,41 1,29,7 1,29,7 1,41,8 5 1,28,7 1,16,5	10,07,26 8,87,26 9,76,73 9,80,61 9,54,6 0,9,54,6	58,8 58,1 64,5 2 60,1 7,7,5 68,6 7,7,5,5 6 65,2 1 68,1 8 64,6	3,72,00 3,90,44 3,02,65 3,81,11 52 2,76,21 00 2,06,6 16 2,75,8 13 2,78,6	19,5 18,5 22,2 27,5 28,5 30,1 8 33,0 2 32,3 4 30,6 5 26,3	46,84 52,98 48,31 47,03 59,49 51,15 68 58,74 51 80,66 93,98	26,18,0 26,81,4 27,04,0 26,93,0 26,24,2 25,98,9 3 25,87,5

No. IX.—contd.

Currency Notes in Circulation in India. (In Lakks and Thousands of Rupees)—contd.

	LAST DAY OF	Calcutta.	Allahabad.	Lahore.	Bombay.	Karachi.	Madras.	Calicut.	Rangoon.	TOTAL
***************************************	1892.									
January February March April May June July August September October November December		10,30,46 9,68,85 10,00,19 11,04,44 11,38,11	1,41,76 1,13,63 89,55 90,01 1,14,29 1,17,26 1,24,40 1,22,02 1,24,76 1,31,19 1,40,88	1,41,14 1,54,08 1,44,83 1,49,32 1,43,97 1,43,99 1,65,73 1,65,09 1,77,38 1,77,38 1,72,02 1,46,81	7,33,01 6,58,95 7,53,94 7,64,75 8,46,86 8,74,99 9,53,20 10,16,35 10,95,03 10,18,10 10,14,10 8,56,65	62,70 64,87 72,10 85,61 80,23 75,91 76,31 76,81 81,55 93,30 92,44 87,78	2,65,95 2,42,80 2,68,27 2,74,57 2,76,82 2,69,27 8,62,38 2,77,30 2,81,22 2,92,03 2,89,84 2,91,77	8,91 8,65 9,18 9,35 10,55 13,01 14,22 12,29 12,54 12,60 10,20	#4,78 31,18 39,31 53-35 54-73 78,01 1,11,71 1,18,47 1,29,67 1,44,48 1,51,61 1,17,07	22,62,42 22,89,61 24,07,64 23,95,62 25,27,64 26,76,88 22,46,06 29,06,50 28,96,75 44,94,10 21,82,92 26,05,40
		10,55,27 10,30,96 10,74,54 9,99,58 10,73,64 11,43,73 41,02,29 41,28,32 41,84,39 41,41,10 11,84,73 11,41,83	1,49,65 1,51,28 1,49,02 1,07,05 3,14,55 1,24,34 1,26,91 8,31,01 1,30,66 1,34,26 1,38,70 1,54,94	1,49,23 1,34,99 1,63,16 1,54,46 1,50,14 1,47,22 1,50,30 1,55,46 1,37,69 1,26,89 1,38,82 1,67,48	8,65,13 8,21,29 7.87,55 7,44,66 7.65,54 8,61,50 9,45,38 10,38,97 10,56,82 10,83,08 £1,21,80	78,36 80,17 78,80 81,42 78,80 72,47 70,00 60,08 66,35 63,84 65,33 64,70	2,91,44 2,91,48 3,08,70 2,76,21 8,68,19 2,49,39 2,38,66 2,32,09 2,27,85 2,21,08 2,23,75 2,50,00	10,52 11,22 11,86 14,72 14,94 16,05 15,67 17,10 17,97 17,74 15,13 16,66	61,77 56,78 66,56 43,50 33,64 34,24 55,29 61,07 76,42 71,09 73,86 74,11	26,61,36 25,86,17 26,40,19 24,51,60 84,99,44 27,44,56 28,30,10 28,98,15 28,59,02 29,02,12 30,13,38
January F ebruary March April May June July August September October November December		\$2,42,80 12,36,79 12,80,80 13,04,27 13,12,03 13,43,41 13,61,78 13,75,25 13,08,95 13,33,16 13,24,19 12,86,82	1,33,11 1,11,454 1,15,63 1,19,71 1,35,21 1,34,93 1,39,23 1,47,84 1,55,60 1,66,20	2,63,63 1,49,79 1,21,40 1,34,84 1,44,65 1,69,59 1,67,04 1,73,77 1,70,70 1,84,19 1,84,70 1,79,14	11,04,26 10,74,41 10,36,24 10,04,72 10,24,77 10,23,22 10,02,72 10,24,03 10,64,22 10,62,95 10,93,18 10,42,33	63,24 61,17 71,65 78,19 72,30 67,75 66,29 68,51 69,64 62,70 67,28 71,23	2,76,18 3,34,52 3,64,80 3,71,44 3,73,58 3,54,02 3,40,26 3,26,85 3,22,71 3,27,58 3,36,75 3,33,35	16,98 10,97 12,20 12,91 11,47 13,02 14,34 14,55 14,16 12,83 11,70 11,40	51,39 40,70 39,53 42,28 54,79 33,64 33,82 39,15 33,41 49,50 62,14 54,38	30,51,59 30,19,79 30,41,16 30,64,28 31,13,30 31,39,86 31,19,66 31,57,04 31,23,02 31,80,84 32,35,54 31,44,85
January February Marca April May June July August September October November December	1896.	11,96,81 13,14,04 13,48,39 13,28,81 13,06,68 13,77,12 14,50,68 13,36,68 1,44,05 10,88,06 10,73,14 11,58,64	1,20,32 1,06,09 1,04,22 1,13,61 1,19,11 1,25,63 1,18,43 1,17,06 1,18,75 1,18,89 1,22,00	1,75,83 1,65,75 1,55,64 1,67,85 1,54,51 1,42,87 1,74,19 1,86,14 1,74,60 1,72,72 1,71,00 1,82,37	9,68,27 9,14,79 9,27,79 9,19,22 9,24,69 9,32,38 9,62,34 9,89,56 11,21,73 11,23,10 9,68,20 8,37,28	67,04 65,57 60,10 64,79 62,25 62,65 64,05 65,72 74,41 82,57 70,45 67,69	\$,46,94 3,95,23 4,01,80 4,13,90 3,92,78 3,70,38 3,74,13 3,76,71 3,28,98 3,14,06 3,29,51 3,20,76	10,94 11,94 13,93 15,86 15,34 16,46 16,39 16,94 18,05 22,10 19,99 21,74	63,85 60,68 56,26 61,83 46,43 64,66 75,47 63,58 58,43 76,95 87,55 71,15	29,50,00 30,34,97 30,70,00 30,76,48 30,17,28 30,85,64 32,42,86 31,53,76 30,37,30 20,98,33 28,38,72 27,81,02
January February March April May June July August September October November December	1897.	11,41,27 10,94,17 10,93,93 10,84,37 11,99,06 11,55,19 12,60,16 11,26,80 10,33,52 10,87,15 10,87,40 11,27,84	1,24,32 1,05,00 1,02,61 96,48 98,11 1,25,99 1,27,54 1,24,52 1,14,20 1,09,28 1,06,67 1,13,31	1,66,92 1,59,54 1,59,36 1,75,85 1,88,91 1,92,69 2,10,99 2,16,95 1,71,32 1,64,11 1,52,57 1,58,86	8,05,05 7,54,45 7,39,71 7,20,61 7,08,78 7,93,24 8,80,87 8,74,51 9,05,74 7,03,17 6,70,26 6,77,62	59,56 59,72 71,96 85,20 83,78 82,29 82,12 94,23 91,92 91,12 90,62 85,10	3,36,81 3,37,12 3,57,65 3,50,71 3,47,35 3,48,12 3,18,69 3,07,92 2,76,71 2,17,52 2,76,49 3,02,39	22,39 21,02 19,88 19,28 19,86 27,74 26,25 26,65 26,08 19,83 15,95 15,33	55,48 68,35 48,97 59,36 42,83 53,75 52,37 54,59 69,14 62,94 53,34 45,14	27,11,79 25,99,37 25,94,0, 25,91,90 20,88,68 27,76,41 29,5,59 28,3 197 26,84,23 25,08,12 24,53,30 25,25,59
January February March April May June July August September October November December	1898.	10,43,37 10,11,43 10,11,57 9,83,12 9,06,18 9,76,63 10,33,94 9,61,09 9,52,60 9,51,79 9,30,02 9,96,10	1,26,42 1,34,08 1,56,00 1,29,46 1,24,67 1,44,30 1,61,65 1,75,96 1,80,74 1,35,70 1,35,70 1,35,36 1,14,62	1,85,76 1,76,79 4,80,19 1,80,80 1,69,78 1,66,45 1,65,38 1,78,07 1,67,35 1 86,73 1,85,56 1,85,52	6,24,41 5.92,69 5.92,98 6,21,35 6,10,19 6,45,19 6,92,31 7,10,19 7,21,17 7,01,65 7,10,43 6,34,56	83,08 86,39 94,07 96,49 85,38 80,35 89,59 84,57 86,44 95,93 99,57 80,34	2,99,92 2,85,61 2,73,60 2,85,61 2,70,52 2,51,74 2,47,96 2,69,17 2,60,41 8,67,84 2,71,94 2,68,55	13,22 13,44 13,63 12,70 12,98 13,81 14,28 16,34 17,14 15,88 12,21 12,16	40,52 60,67 80,03 64,37 88,22 1,03,53 1,19,50	84,26,68 23,57,85 83,75;33 23,90,90 22,80,16 23,39,14 24,70,14 24,59,76 24,74,07 24,59,05 24,04,59 83,79,32
January . February . March .		 to,75,88 10,37,29 10,38,87	I,29,85 I,11,28 I,20,72	1,93,99 1,87,68 1,97,23	5,86,43 6,09,34 5,66,64	72,55 67,02 75,57	3,03,20 3,64,26 4,07,87	11,06 11,34 10,34	63,92	24,31,83 24,52,73 24,76,40

STATEMENT

CANCELLATION AND OUTSTANDINGS OF OILD NOTES .- Statement

R10.

	Van	r of ins			27. 1				1	NUMBER	CANCEL	LED IN					No outstands
	# CE	or take	uc.		No. issued.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	Total.	No. outstanding in a provinces.
862		٠			219,032	3	3	1	8	2	000	12	•••		3	30	206
863		•		•	127,500	8.05	2	1	***	1	3	6	1	1	1	14	970
864	•	•	•		189,900	10	6	3	8	3	14.0	17	***	400	994	47	1392
865		٠	•		205,299	8	10	13	•••	6	2	2	3	***	8	52	1025
866	•	٠	•		340,389	16	37	15	14	12	3	4	3	1	8	113	1377
867	e	٠	٠		514,438	20	49	24	31	18	16	10	13	13	28	222	1448

R20.

862 .	٠	•		101,100	1	. 1	***	3	000		2	000	3	• • •	10	707
863		٠		63,100	***	1	•••	I	1	800	2	***	1	•••	6	330
864 (٠	•	109,998	7	2	1	2	***	***	3	***	•••	2	17	547
865 .	•			116,100	1	1	1	1	***	3	2		•••	2	11	388
86ú .	•			213,360	1	4	4	4	4	5	2	504	•••	2	26	504
867 .	٠	٠		269,945	19	21	7	To	8	3	8	16	2	5	99	504

R50.

												0 1700	,,
	78,600	1	5	•••	1	1		P	***	2	400	Io	337
•	34,550	1	•••	***		3	***	1	***	***	***	5	317
•	71,650	•••	3			•••	•••	3		***	***	5	208
	66,050	2	2	001	***	•••	000	•••	800		000	4	155
	103,274	2	3	•••	3	ż	3	1	***	1	***	15	i 8 9
	135,593	7	4	5	3	4	***	3	3	2	1	30	213
		. 34,550 . 71,650 . 66,050			78,600	78,600 1 5 1 34,550 1 71,650 3 66,050 2 2 103,274 2 3 3	78,600	78,600 1 5 1 1 3 71,650 3	78,600	78,600 1 5 1	78,600	78,600	78,600 1 5 1 1 8 1 10 34,550 1 3 1 5 71,650 3 2 5 66,050 2 2 4 103,274 2 3 3 2 3 1 1 15

5

Notes issued prior to 1868 and cancelled during the last ten years.

R100.

									1	NUMBER	CANCE	LLED IN					No outstanding in all
	Year	of issu	ue.		No. issued.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	189б.	1897.	1	provinces.
1862	,•		9		89,285	6	4	1	***	•••	1	1	1	***	•••	14	314
1869	T		٠	•	35,150	1	2	***	***	2		***	200	1	# 0 1	5	76
864					86,265	3	1	000	•••	I	000	***	000	•••		5	28 0
1865		٠	۰	•	71,400	4	6	1		2		•••	***	1	2	15	107
1866				•	113,081	2	9	I	•••	2	1	1	•••	•••	1	17	168
1967					176,724	5	5	4	1	040	•••	3	1	•••	800	18	151

R500.

	 						1		1							1
1862		•	11,200	1	7	000	•••	•••	000	***	***	•••	044	8		35
1863	•		7,994	***	1					I	•••	•••	***	2		5
1864			10,520	**	1	009			***	***	***		•••	1		#8 [@]
1865	٠		13,670	***		000	•••	***	***	•••	200	***	***	•••	*	6
1866	٠		18,432	***		460	***		1	•••	E	000	•••	•		11
1867			27,416	• • •	•••	***	***	***	***	•••	1	3	6	10		14
						-					1		J			

R1,000.

	 1	-												
	27,750		11		000	•••	•••	***	•••	•••	***	11		29
	26,698	***	10	***	,	000	***	***	• 60	000	***	10	12	9
4	32,000	000	3	900	900		800	001	•••		***	3		12
	30,421	•••		900	***	007	1	900		000		1		19
	53,719	848	•••		001	901	000	900	***	900		***		16
	63,773		6	•••		2	•••	***	•••	•••	5	13		10
		26,698 32,000 30,421 53,719	27,750 26,698 32,000 30,421	26,698 10 32,000 3 30,421	27,750 11 26,698 10 32,000 3 30,421	27,750 11	27,750 11	27,750 11	27,750 11	27,750 11	27,750 11 0000 000 000 000 000 000 000 000 000	27,750 11 000 000 000 000 000 000	27,750 11	27,750 11 000 000 000 000 000 000

FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 2nd HALF OF JULY 1897 AND 1898

Districts.		Ric		Ric	CE,	WH	BAT.	FLOUR (WHEAT).	BAR	LEY.	JAV	AR.
DISTRICTA	Eff	898.	1897.	1898,	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898,	1897.
Derma—						~					-		11
Tenasserim-	1												17
Mergui		18'7	20'4	39'1	42'5	***	004	,000	e gla	***	222	000	9
Tavoy . Moulmein and Amherst		6'15	32'1 24'65	42'5 59'5	42°5 68	000	000	***	444	***	494	911	
	1	7	24 05	393	00	***	000	400	060	844	989	844	***
Pegu (deltaic)— Rangoon	. 1	6'49	25'5	41'82	61'2	72.25	86'7	***	800	400	944	401	000
Thongwa		17	23'8	59'5 51	68 68	100	944	101	000 : 000	911	900	000	000
Pegu (inland)-													
Henzada		4.79	23'29	40'46 54'4	34'4 54'4	***	049	***	***	10.60	dno	000	efs
Upper Burma-			- 2 2 3					000	0\$1	000	000	000	000
Mandalay	. 1	8.03	24'99	54'06	61°71	39.27	69.23	***	***	•••	200		***
Bumo	u 1	1 05	440 J	₹5'25	900		004	701	***	***	900	400	
Pakôkku	. 1	7'85	25'5	41.65	68	400	988	000	***	000	000	13.6	28.0
Arahan-				5							***	.30	-0 (
Kyaukpyu		8.7	22,02	37°4 43°52	42'5 43'9	688	000	0.00	041	411	000	400	0.81
	1		p= 30	40 04	73 7	204	000	000	***	000	000	000	944
12455-													
Brahmaputra-													
Goalpára		90	27'5	32.2	52'5	486	900	***		100	000	999	000
							-	860		800	***	600	198
engal													
Chittagong		•••	0.00	35	42'5		***				100		
Dacca	* .	•••	***	33'75	48.75	31.87	48.75	***	001	17'5	400	000	000
Deltaic-													
Midnaper	•	•••	900	32.2	42'5	990	900	***	001	•••	00+	***	0.0
Colcutta	•	***	***	35	\$5'	32'5	45	***	901	25	40	33.2	40
Central— Bardwan				0.010.0	g 4 * 6 P								
Pabna		elo+	***	33,18	51°25 48°44	33 75	43'44	000	440	000	***	800	000
Northern-													ebn.
Rangpur		001	400	35	60	40	56.32	edo	*** ,	•••	80+	110	9,04
Orista— Cuttack				28'75	36.43	.0114	40'04						
	•	es.	191	- 75	De 12	38,13	40'37	000	960	000	+46	484	9,99
Bihár, south—		***	001	26'56	51'25	23'12	41'25	494	***	17*19	35'62	15*62	
Bikári north—								.,,	-34	, ,	2, 11	•3 02	400
Bhagalpur			000	28°59 33°33	52'10	25'94	40.62	104	801	16.20	35	100	***
				30 95		-3	71 4	000	444	17'34	40	900	989
-W. Provinces-													
Bastern-			-0-	0.71.0	#P+-	-6.0	45.5						
Benares	. 3	13.62	38'12	39'48	58.4	26.67	43'59	29127	49'48	18.53	36.67	400	43'5
Campon	. 2	11°35	36.35	33'33	50.88	24'63	41'04	28 -59	47'08	16°67	32.66		
Jhanni		11,00		30'96	55'16	27°08	43'23	31,08	\$6.18	10,04	35'52	16'04	44
Western— Meerut				40 to 80.		26.64	2217						
		***	000		201		37.5	30'78	000	17'4	4.04	***	***
Agra	•	***	001	45	32.2	\$6.87	40'47	000	•••	16'25	33,03	17'5	39'5
Submentane, west-			008	001		22'55	40	040		14'27	33'33		
adb—											00.00	444	***
Southern—													
Lucknow	. 2	21°04	***	38'38	53'54	25'36	42'11	30	47'03	15'21	36:35	18.85	0.00
Northern-									1				*
Fyzabad		9'81	***		***	25'47				antes			1
			-11			-0 47		094	***	17'03	400	17'03	400

[•] The figures under " Rice, husked " represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

-	(SA	JRA.	R		M	ATZE.	G	RAM,	ARH	AR DÁL,		Gmi.	120	
	1898.	1897.	1898.	. 1897.	1998,	1897.	1898.	1897.	1898,	1897.	1896.	1897.	DISTRICTS.	-
	1												Burma-	
	A			Ĺ	Įi.								Tenasserim-	
	Bir.	***	***	i ***	***					***	100	***	Mergui.	2 **
	400	860	***	000	***		000	***	***	441	000	***	Tavoy. Moulmeia and Amhe	net.
			-								ľ		Pegu (deltaic)-	
	900.	700.	000	100	000	***	49'3	58'65	111		600	000	Rangoon. Thôngwa.	
	800	000	***	***	***		100		***	0.00	460	***	Bassein.	
			***										Pogu (inland)- Henzada.	
10	444	000.	***	100	***	***		***	600	000	901	***	Toungoo.	
10							461.0						Upper Burma-	
Г	000	001	***	460		-	36'38	66.3	400	410	***	1	Mandalay.	
	+40	***.	***	640-	550	300	***	200	. ***	***	940	***	Bamo.	
17	***	801	869	700	***	***	***	885	***	***	***		Pakôkku.	
10	000	***	100		***	440	141	***	4+4			1	Arakan- Kyaukpyu.	
	***	***		190			***	***	403		044	400	Akyab.	
	44													
1												1	Assam-	- 4
		***	***	+40	***	004	149		***	489	***	449	Brahmaputra-	
	*84	466	000	060		***	**	4,04	0.00	***	***	000	Gaubati.	
										-			Bengal-	
	200	409,	010	-			15	50	000	***	400	380	Bastern- Chittagong.	
	***	400	***	195	***	***	35 27.5	46.32	37'5	52'5	400	350	Dacca,	
													Deltaic-	
	000	***	***	0.00	***	***		000	000	100	400	320	Midnapur.	Ja
1	30	50	110	440	21'25	40	26.25	42'5	32.2	40	340	320	Calcutta	No
T													Contral-	
	***	000	***	000	000	***	26.31	44'37	31.87	52°5	340 460	300	Bardwan. Pabna.	
												-,-	Northern-	
	***	000	500	***	20	40	27'5	42'5	25.2	37'5	370	290	Rangpur.	
	-						26.26	13:01	20144	aRtan			Orissa-	
1	004	000	***	***	***	101	20 30	33.01	23'44	38.13	337'5	305	Cuttacle.	
	***	***	***	141	18*12	***	20	40*62	17'19	36°25	300	260	Bihar, south-	, 9
												1	Bihár, north-	
	000 , 001	000	403	440	14'22 18'59	39'37	30.18	39'37	18'44	32'5	330	205'62	Bhágalpur. Muzaffarpur.	
	5													
1													NW. Provinces-	
		53'54				8.04	19'27	42'86	26°15	52'08	378'44	266-67	Benares.	
1	*50,	33 34	040	***	401		-3-7		30.3	30 00	3/0 44	200 47	Central—	
		***	001	***	100	•••	19106	42'66	24'22	45'73	304'74	290'88	Cawnpore.	
1	0.00	***	***	440	16.35	***	10,33	44'37	28.53	***	270.52	245	Jhánsi.	
	000		000	***		010	21'35		28'54	000	***	300	Western- Mecrut.	
	7'5	***	900	000	***	42°08	19.00	42'08	28.13	50	325	272'34	Agra.	
												-	Submontane, west-	
	***	***	940	400	000	0.60	18'18	43'23	***	564	325	280	Shahjahanpur.	
											-		Oudh-	
2	10.68		-		400-0		- Columbia	40144				-6-	Southern-	
1	38	004	***	944	18,18	***	30,00	43'44	***	***	310	265	Lucknow-	
													Northern-	• 1
1 2	0,31	000	000	001	17'34	***	18'75	41.26	860	410	278.8	243'75	Fyzabad.	

WHOLESALE PRICES FOR THE and HALF OF JULY 1897 AND 1898 -continued.

	Ge	R.	SAI	LT.	TOBACC	O LEAF.	TURM	ERIC.	GR	A88,	STR	AW.
Districts.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.
urma										4		
Tenasseri m —									1			
Mergui	000	400	000	000	010	800	896	900	010	000	800	***
Moulmein and Amherst	***	0.01	000	500	0.03	000	***	***	499	601	***	800
Pegu (deltaic)— Rangoon • • • •	150	•••	***	000	000	800	***	000	oan	000	***	ps ^{to}
Thôngwa · · ·	0.00	001	940	441	909	990	400	004	984	104	***	1
Bassoin	***	844	000	001	0.00	961	000	900	000	000	***	001
Pegu (inland)—												
Henzada	***	940	600	000	000	000	000	999	***	000	000	966
Upper Burma—												
Mandalay Bamo	999	000	000	881	140	900	000	900 600	040	844	000	500
Pakôkku • • •	***	***	901	***	000	640	***	***	000	000	200	04
Arakan— Kyaukpyu · · · ·	040	401	000	400	800	000	***	100	***	994	000	00
Akyab	444	040	•••	***	040	010	***	1	***	000	1	***
gam-												
Brahmaputra— Goálpára	600	***	000	000	944	000	000	000	***	800	000	
Gauhati	045	000	990	800	9 6 9	***		***	000	***		*
angal—												
Chittagong		200	36°25	40 38'12	70	75	***	-03	30	35	000	99
	•••	•••	67 3	30 12			***	000	30			
Deltaio— Midnaput	***	***	38.75	37.5	58'75 and 65	and 60	}	000	***	***	4(a)	2
Calcutta	***	***	34'37	36.52	60	70			7(4)	7(4)	6(a)	5'25
Contral-			35125								8(a)	8
Pabna	000	***	38.75	35 40	67.5	70	400	000	000	010	7.2	
Northern-			40	40	60	45			,13(p)	*12(8)	'14(ð)	*87
Rangpur	100	•••	40	40	00	43	***	000	10(0)	32(0)	34(0)	
Orissa— Cuttack • • • •	000	•••	31'25	31'56	45	57*5	100	***	20(a)	20(a)	4'25(4)	2'75
Bilder, south-												
Patna	***	***	35.63	36.87	30	30	***	***	3,13	3'12	800	*
Bihár, north- Bhágalpur	***		38'75	40	40	40	***	000	000	***	600	
Musaffarput	400	•••	36125	36.32	100	111'87	***	***	***	999	***	
W. Provinces-												
Bastern— Benures • • • •	45'78	65'21	040	***	•••	***	***	000	000	***	017	
Caurpore	36.32	48.49			57'5	70	100	75	000	***	996	
64 . 7	000	405	•••	000		100	***	800	000	***	***	
Western-		***	***	100	410	900	400	***	***	***		
	44'37	51'25	***	***	***	***	959	000	100	900	***	
Submontane, west-					400		and	90 and	}	***		
							120	100				
Oudh — Southern—			1									
1 feelen om	44'37	54'37	000	449	75	75	000	***	1.08	3.13	000	
Northern-												

The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR STALKS.		Вич	78A.	SHEEP, PER SCORE				BULLOC	UGH KS, PER IR.	Districts.	•
1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.		
				-						Burma	ča .
		•						}		Tenasserim-	2
	***	***	001	988	***	***	100	400	000	Mergui, Tavoy,	-11/5
100 100	949	600	000	400	001	***	***	***	***	Moulmoin and Amherst,	
***										Pegu (deltalc) -	
6			***		400	000	944	104		Rangoon.	
2	060	940	950	***		800	***	***	840	Thôngwa.	
4	0.00		840	***		848			***	Bassein.	
P	0.00	***									
								409	200	Pegu (inland) — Henzada.	
999 896	881	000	110	***	440	***	100	***	***	Toungoo,	
										Ubber Burma-	
		***	***		***	***		400	***	Upper Burma → Mandalay. Bamo,	
000	989	001	109	***	000	***	***	000	***	Pakôkku.	-
898	***	984	584	***							Δ
							900	994	000	Arakan— Kyaukpyu.	44 64 4
880	000	100	900	100	990	001	***	999	***	Akyab.	4
,,,								-			4.3
										Assam- Brahmaputra-	
							***	}	000	Goálpára,	
900	000	000	880	940	000	404		944	000	Gauhati.	
										Bengal-	
										Bastern-	
			504	200	***	500	***	***	900	Chittagong, Dacca,	
900	***	800	***	001	***	494	***	***	800		
										Deltaio-	** (
000	,,,,	***	***	***	401	***	660	000	***	Midnaput,	
844	000	000		***	400	900	441	000	860	Calcutta.	
							-			Central—	
			040	***	000	0.00	000		•••	Bardwan. Pabna.	-
950	844	400	***	***	900	000	9.50	***	840		-
										Northern-	
800		500	000	900	***	040	000	***	444	Rangpur,	
										Orissa-	
		946	***		***	500	041	800	001	Cuttack.	
500	***								1	Bihár, south-	
					001	544	***	948		Patoa.	
981	941	000	000	900	1					mer 44h	3
							500		804	Bihdr, north— Bhágalpur.	
200	200	900	000	999	000	000	***	444	900	Muzaffarpur.	
		-								NW. Provinces-	
,										Rastern-	
						040	801	894	200	Benares.	
000	944	***	100	***	***	-4.				Contral-	
***	407	***	***	60	60	000	400	***	000	Cawnpore, Jhansi.	
***	000	001	441	***	***	0.00	***		1		
										Western-	
***	***	000	411	60 45	6o 45	***	401	70	79	Agra.	
000	500	***	441	40	40					Submontane, west-	(14)
				An An An	10 60 00		***	28 to 50	a5 to 50	Shahjahanpur.	
001	400	400	***	40 to 90	40 to 90	0.00	***	3.03			
1										Oudh—	
										Southern- Lucknow.	
901	***	000	***	35	35	107	***	999	981	Northern-	
									8 2		

WHOLESALE PRICES FOR THE and HALF OF JULY 1897 AND 1898-continued

	Dist	RICT	8,			RICK		Rici	E _{p.} Huski	LD.	WH	SAT,		FLOUR (WHEAT)		BARL	EY.	1	AWAK,
ė.						898.	1897.	189	1.8g	17.	198.	1897.	. 18	98. 18	97. 1	898.	1897.	1898	1897.
Rajputam Hastern- Ajmore	_		•		• 3	3.53	33'33	***	•	3	3'33	43'91		•	2	2'19	33'33	2	
Panjab Southern Ferozpi						~													
Central- Lahore					. 20	20 5	\$2.2	57°1			184	39°37	25"			'93	32'5 88'02	21'04	37°5 30°33
South-eas Delhi Submonta	0		۰	•		25 3	8.07	36'35	5 5	0	25	39'01	30°	78 43"	18 15	99	30'78	21.61	36'67
Amritsa.	F .		•	•	22		5.24	41'04	59'2	7 20	78	37'19	24"1	7 39%			28'07	000	40
Rawalpi Western — Multan			•		. 14	79 2	30	53°18				34*84	26.6				23.24	18.18	34'9
41								-7 33				32,25	340	4	17	34 :	29"11	23*49	30.73
Sind and B Karachi		ista		,				41'25	50	32*									
Shikarpu Quotta .		٠		•				***		25	94	000	***	***	17'		0'94	2275	35'31
Bombay-						**		140	(33°		37'5	65	65	34"	53 2	7'5	31.09	36.32
Deccan- Dharwar Sholapur Poona			•		* 050	***		000	004	36.8	32	***	400	000				***	
Ekandesk- Ahmadas Dhulia	lgar					4.0		44'43	100	000		000	005	200	000			***	000
Gujatal— Surat Ahmadab	ad .					000		004	51,25				000	001	•••		00	000	***
Central Pro	wine	1							03				0.00	***	***		-	33.81	### P##
Western- Nagpur			1.		•••			28											
Contral— Jubbulpon	в.					***		23'5	48.5	23.2		3'25	36°37	36	***		•	19'56	37
Bustern- Kaipur ,	٠	٠	•		800	***	21	6-87	50	26:75		45	32.2	48:5	400	•••		7'37	000
Berar—																			
Ellichpur Amraoti	•	•		•	980 991 991	900	66	6°66 40	57'14', 80 66'25	36°61 40 40	5: 6:	7°41 1°5 1°56	44°44 50	66'66 66'25	984 600	***		7°31 7°39 6°85	50 53'33 50
Madras—)
South, central Coimbatore Salem			•		000	000	**		100	200	01		900	***	040	B00		8.75	32.4
Ecntral— Bellary		• 1			000	. top	40.		400	***			004	000	***	000			45 62
Cuddapah Karnul .	•				26.32	30'53	39		47'03	900	00-		***	nee nee	000	2000	2		36.26
Rast Coast, ce Nellore	٠	-			240	***	0-1		***	0=1	***								
Bast Coast, so Madras Tanjore Trichinopoly	٠	•			29'95 23'7	34,12	45'	63	49*84	400	000	1	001	040	***	000	01		000 000
Southern- Madura	•		•		00+	Res	000		***	000	***		***	000	000	000	••	•	o^47
ysore— Mysore																			
Bangalore			•	•	33°66	27.98	45'2			48°98 50°96	5913		7*02	68 '57	000	000	23		4°74 9°75

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

BAJRA.		RAGI.		Mai	IZE.	Gn	AM.	ARHAY	R DÁL.	G	Ht.	
1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	18g8,	£897.	Districts.
27'97	44*43	•	bee	22*19	43'08	25	43`75	000	000	320	290'88	Rajputana Bastern Ajmere,
25	46°25	***	450	25	39°37	17'4	38 '75	40	55	350	320	Panjab Southern Ferozpur.
To	47'03	***	***	16'77	42'08	16156	39°53	35.23	55,16	352'5	305	Central Lahore,
18.18	42'08		000	17'34	36.67	20	40	30'78	47°03	347'08	304°74	South-eastern- Delhi.
930	¥ 0 P	***	0 000	***	944	16'3	38*54	e » e .	0.5	000	328.18	Submontang Amritan.
19:06	47°03	000	004	16'3	33'33	20	37'66	38.13	41.87	300	278'12	Northern- Rawalpindi.
21'04	50	*8*	444	23'49	42'08	21.46	38191		***	376'41	320	Western - Multan.
												Sind and Baluchistas
23.75	44'37	***	680 800	000	001	25 21 25	44'06 39'53	41'25	62.2	350 341.87	335 302'5	Karachi, Shikarpur.
400	***	000	904	26.67	80	***	440	***	440	360	340	Quetta, Bembay -
000	\$3.05	***	35'88	000	000	080 000	50'73	***	200 200 080	000	***	Deccan— Uharwar. Sholapur. Pouna.
16.67	***	***	***	901	000	000 001	000	***	000	800	***	Khandesh— Ahmadnagar, Dhulia,
26.67	42'5	000	09% 000	000	984 994	400	40	68 4 868	+4 8 000	904	000	Gujarat— Surat. Ahmadabad.
ga>	000	pao	800	000	800	25	46	26	52	366-62	354	Central Provinces— Western— Nagpur.
***	***	200	8.00	800	000	16.63	43°31	24°19	53'31	280	245	Jubbulpore.
	961	***	144	984	***	20	50	20.52	65	320	275	Bastern- Raipur,
33°33 28°5	66°66 66°45	040 000 000	901 202 986	0,00 000 0\$0	000 010 000	33°33 17°19	61'5 61'56	33'33	57'41 01'5 61'56	350 320	320	Berar— Básim. Ellichpur. Amráoti.
22-5	20	95'62	22'45	900	000	40	45%2	ade .	000	400 359'95	456'87 368'12	Madras— South, contral— Coimbatore. Salem,
054	001	•••	***	900	***	40	53'3 3	500	***	380'42	398191	Central-Bellary.
83'49 	40'42	011	4+9	099 200	400	400	900	000	000	333'33	366.67	Cuddapah, Karnul,
***	***	25'88	2 3'16	***	0.00	080	848	31'41	28.85	**	***	Rast Coast, contral— Nellore.
90+ 90+	040 psc \$01	20.21	21.72	800 400 900	0 0	34'9	50	416 600 600	000	329,11	329'17	Bast Coast, south— Madras. Tanjore. Trichinopoly.
30199	30'99	800	000		401	**		30,68	33'12	***		Southern- Madura.
									6-1-	0,612	sen*25	Mysore— Mysore.
***	000	23'02	23'51	440	0.00	28'69	30'05	76°6	67'2	346'62	339'37	Bangalore.

WHOLESALE PRICES FOR THE and HALF OF JULY 1897 AND 1898.

	G	OR.	SA	LT.	TOBACC	O LEAF.	TURN	ERIC.	GR.	ABS.	STR	AW.
Distracts.	1898.	£897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Rajputana— Rastern— Ajmere	. 53*33	50	846	800		080	000	960 '	6.67	10	6.67	5
Panjab — Southern —					50	40	114'27	100	8.2	2°5	3'12	
Ferozpur		000	000	***	57*13	57'13	123'07	68*91	6.67	13*28	4'43	5
South-sastern— Delbi		***	408		80	80	114'27	123'02	5	8'02	5	002
Submontane		946	***	000	***	8	a 6 0		000	4'01	3.8	4.60
Northern- Rawalpindi		000	0.00		40	40	118.75	84'17	4'01	3'33	4*22	6.67
Western- Multan	• •••	040	***	000	100	100	1 33'3 3	100	3'07	3'07	3°96	5'31
Sindand Baluchistan—												
Shikarpur	45'62	82°5	***	000	140	800	107'5	93'75	***	5'57	000	600
Quetta	• •••	007	***	***	***	***	010	***	•••	0.00	•••	400
Ueccan— Uharwar Shoiapur Poona	0 000	***	800	000	654	+ 0 0 + 0 0	900 00+	908 895	000 000	000	800 600	000 010
Khandesh-Ahmadnagar	0 001	***	0.00	800	B00 000	000	940	202	400	***	000	010
Gujarat-	000	000	000	***	***	***	***	001	•••	***		401
Ahmadabad	* ***	040	000	***	***	000	***	***	***	***	***	694
Western— Nagpur	• •		484	840	880	***	***	***	000	***	44+	900
Central— Jubbulpore	0 050	***	39	39	60	80	120	115	400	440		000
Raipur		***	40	44	160	170	110	95	994	***	960	est
Berst-												
Básim	* ***	000	000	660	200	200	110 135	76°25	2'5(a)	5 2(a)	# 0 P	000
Madras-												
South, central— Coimbatore	50	71.87	***	***	119'95	107'03	95 75'42	57°5 62°45	000 000	994	6.26	6'87
Contral— Beliary	63'38	47'55	B D G	000	691	***	104	***	484	200	100	400
Cuddapah	* ***	***	869	000	66'67	100	61.21	46.67 58.4	004	***	000	9
Bast Coast, central— Neilore		***	900	000	***			400	040	000	2.1	2,1
Bast Coast, south— Madras Tanjore	57.6	49'32	000	000	131.67	131.67	57.6	57.6	***	800	000	000
Trichinopoly	a eo.	800		***	116.77	89.74		***	***	007	4'27	5°36
16 years—	***	956	***	***	1	- 774		***	400		7-7	
Mysore	. 82'26	- 00	***	407	374	374	101°29 85°69	93'5	10'71	13	7'14	7'14

⁽a) Per 100 pullies weighing on an average 158 lbs.

The figures represent prices per ten maunds in rupces and décimals of a rupee.)

AWAR	STALKS.	Вн	IUSA.		SCORE.	PER	SCORE,	BULLE	OCKS, PER	DISTRICTS.	
1898,	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	Olarators.	
										Rajputana—	
6.6-				140	140					Bastern—	
6.67	5	***	999	140	240	***	"	80	80	Ajmere.	
										Panjab-	
										Southern	,
	3.2	400	040	65	50	400	144	75	75	Ferozpur.	
211	450	***	-00	100	100	864	**4	112'5	86	Central— Lahore,	
9										South-eastern-	
6.67	10	100	***	60	бо	199	***	125	125	Delhi.	
	488	***		400	70					Submontane - Amritsar.	
								183	***	Northern-	
5'67	7°97	000	404	бо	55	***	***	60	60	Rawalpindi.	
	2'34	000		50	50				-	Western- Multan.	
"	4 34	604	000	30	20	***	-	70	70	ATE LES COLLEGE	
										Sind and Balgchistan -	
	000	000	100	***		404	***	944		Karáchi.	10. ·
	800	6.25)	***	***	***	864	610	***	Shikarpur.	
•	***	6.87	8.44	40 to 140	47 to 140	1**	***	900		Quetta.	
										Bombay— Decean—	
	000	000	000	4++		000	800	400	***	Dharwar. Sholapur.	
	000	***		100		000	***	80+	454	Poons.	
		***		***		201	•			Khandesh- Ahmadnagar.	
	b00	***	***	***		400	,000	900	***	Dhulia.	
		000								Gujarat— Surat.	
	000	***	101	004	***	900	110	989	000	Ahmadabad.	33
										Central Provinces-	***
	1				60			-	70	Western- Nagpur.	
	***	***		***	00	+41	112	70	70	Central—	
	***	***	000	40	40	***	407	30	30	Jubbulpore.	
										Rastern-	
	***	040	***	640	500	***	106	***	800	Raipur.	-
										Berar-	
3	***	440	000	50	60	000	000	60	50	Básim. Ellichpur.	
(0)	12(a)	***	***	50	55	***	4.00	90	80	Amráoti.	
										Madras-	
5	2'5	160		95		9.5	***	60	60	South, central - Coimbatora	
		100		80	85	80	85	444	***	Salem.	
		900		100	70	100	70	120	110	Gentral— Bellary.	
	***	999		***	***	***	***	***	010	Cuddapah. Karnul.	
	***		***	***				100		Bast Coast, central-	
	***	***	***	10			***	***	***	Nellore.	
				50	81*25	5.5	81'25			Rast Coast, south-	
	841		***	55 85	101	85	***	***	***	Tanjore. Trichinopoly.	
	***	400	400	***	***	***	***	492	***	Southern-	
	651	•••	000	850	45	***	45	40	41	Madura.	
					i	}				Mysore—	
20	3.20		***	100	100		***	70	50	Mysoro.	
	0.42	919		160	200 to		900	130	50 to 70	Bangalore.	

(a) Per 100 pullies weighing on an average 748 lb.

J. A. ROBERTSON,
Offg. Director-General of Statistics.

H. H. RISLEY,
Offg. Secretary to the Government of India

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 2nd HALF OF JULY 1898. (The figures represent

											Rie	cs.		lawa	R OR	BAH	A OR
Dieti	icts.					WH	EAT.	BAR	LET.	Best	sort.	Com	mos.	(Sor	LUM Phum are).	(Penic	URU
						Half- month of report.	Provious half-month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month,	Half- month of report,	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Haif- month of report.	half-
Burma-																 	
Mergui Tavoy Moulmein and Amb	erat			•		7-	7 -	***	000 000	12 — 13 3 9 9	12 - 12 3 9 9	12 14 12 — 12 3	12 14 13 — 12 3	100	040 400	000	300 300
Pegu (deltaic)-										10 2	10 2	14 3	14 3				
Rangoon				4		800	9 4	001 001	800 800 800	12 8 11 6 10 8	12 — 11 6 10 8	15 4 11 14 11 5	15 — 11 14 11 5	000 000 000	000 000 000	900	961
Pegu (inland)— Tharawadi						900		***	040	12 5	12 5	16 7	16 7		400	***	
Prome	• •						10 6	001	000	11 4 9 3 12 2 10 12	10 II 9 3 12 2 10 —	12 10 14 14 14 8	10 11 12 1 14 14 14 8	24 8	24 8	000	001 001 001
Upper Burma-						13 3	18 0			11 6	10 15	11 13	11 13	***			
Bamo						000	. 641	001 001 000	010 000 000	10 8 10 — 10 15	10 5	13 6 12 12 13 2	13 6 12 — 13 2	49 — 28 7	49 5	000 000 000	6 0 0 6 0 0 6 0 0
Arahan—Sandoway			0	•	• •	000 000 710	000	001	000	t3 2 10 9	14 — 10 12 10 —	17 8 11 9 12 —	17 8	900 900 910	000 001	***	000
Assam-																	
Cachar				•	• •	7 18	7 31	800	600	8 12 5 114	8 12 5 18‡	10 — 9 2j	9 6 8 14	***	000	864	604
Hill tracts— Khási and Jaintiá Hi Garo Hills						5 —	5 —	000 860 860	41+	4 8	4 8 4 — 18 8	6 — 10 — 23 12	6 — 10 — 23 —	800	600 600	000	000 001
Brahmaputra— Goalpara							16 -			6 -	6 —	14 —	12				
Kámrúp Darrang		= +				8 - 7 8	7 8 7 8	901	981	5 8	5 8	10 -	9 -	000 000	000	000	100
Nowgong						***	040	000	001	5 -	5-	8 -	8 -	999	666	000	900
Lakhimpur			•			8 -	7 8	***	860	5 8	\$ 8	9 -	10 -	900	100	000	999
langal—																	
814 -4 11:H-				٠		004	000	000	400	4 8	4 8	10 -	11 -	900	000	***	900
Backergani										11 -	11 -	11 4					
Noakhali			•	•		101	104	000	901	9 -	9 —	11 -	11 4	***	100	000	5
Chittagong						000	000	000	000	9	9 -	10 8	10 8	***	0.00	100	400
Tippera Dacca Maimensingh		• •	•		• •	11 8 13 8	11 8 13 8	18 4	18 4	5 4 4 4 4 4	9 4	10 8	9 8	000 400 400	***	000	400
Deltaio-												12 -	- 1	100	83 0	* 5 *	
a. Dansunan			9			410	900	000	600	8 —	8 -	13 -	13 -	***	444	0.69	400
Midnapus				q		10 -	10 —	***	•••	10 -	10 -	12 8	12 8	000	800	000	
Howrah									441		le _i	***	,	Veze	400	000	494
Calcutta		• •		0		11 A	11 14	14 8	411 4K 2	7 -	9 -	10 12	11 -	110	100	000	
Hooghly Natia (Krishnagarh)			0			10 -	10 -	13 5	15 3	7 8	7 4 7 8 6 2	10 10 10 10 11 3	10 10	16 -	16	12 4	15
Jemore						10 -	10 -	10 -	10	10 -	10 -	12	13 -	000	000	400	100

the number of sers (of 80 tolas) and chittacks sold for one rupes.)

MARI RAGI (Bleu- coro-	KAN OR KA ITAI MIL (Sett itali	RUP, JAN LET gris	GRADA OR SU (Ci arietis	INA, LA, LAY NAGA	MAI (Zea A		CAD PH (Caje	UR, JAM	Sai	LT.	Districts,
Half- wonth	Pre- vious half- month.	Half-month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious haif- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	
@b0 g00	989 987	101	0	9 5	9 5	099 000 409	400 004 004	 7 —	7 —	15 — 17 12 14 —	15 — 17 12 14 —	Burma— Tenasserim— Mergui, Tavoy, Moulmein and Amherst,
201 201 201	804 884 884	10=	401 000 000	11 2 12 4 7 3	11 2 12 4 7 3	20 8	20 8	9 -	9 -8	14 3 22 — 15 2 15 15	14 3 22 — 15 2 15 15	Pegu (deltaic)— Pegu, Rangoon, Thingwa, Basecin.
689 010 010	000	000	000 000 000	10 9 11 6 9 2 8 8 11 10	10 9 11 6 9 2 8 8 10 10	28 3	37 9	4 - 7 - 10 10	4 — 7 — 10 10	14 4 14 4 14 3 12 10 14 8	14 4 14 4 14 3 14 3 14 8	Pegu (inland)— Tharawadi. Honzada. Prome. Toungoo. Thayetmyo.
400	001	400	000	8 7 8 — 13 — 14 3	7 5 8 — 13 — 14 3	27 6	25 2	8 3 4 13 6 — 5 —	7 12 4 13 6 — 5 —	14 6 9 7 14 3 14 4	14 6 9 7 14 3 14 4	Upper Burme— Mandalay. Bamo. Pakokku, Meiktila.
801	200	400	800	6 —	6 -	000	000 000 000	5 8	5 8	18 10 24 —	15 4 24 — 10 —	Arakan— Sandoway. Kyaukpyu, Akyab.
80+	801	004	004	88 4			060	601	600	9 12 8 —	10 - 8 -	Assam Surma Sylhet. Cachar.
961 963 993	000	944	000	7 -8	7-		11	5 8	1 -	6 - 6 8 3 6	6 3 6 8 3 6	Hill tracts— Khāsi and Jaintia Hille, Garo Hills. Manipur.
084 004 004 004 004	000 001 004 000	581	000 000 000 000 000	10 -	10 - 11 - 3 10 - 7 10 -		000 000 001 000 000	6 8	8	10	8 8	Brahmaputra— Godipara. Kämrüp. Darrang. Nowgong. Sibsagar. Lakhimpur.
			444	4-	- 4-			. 4 -	- 4-	- 4	. 4-	Bangal— Bastern hill tracts— Nágá Hills.
) and				8.9	4 13	4	100		***	10 -	10 -	Rastern- Backerganj.
	, 00	0 00	, , , ,	10	8 10 -		***	to	2 10	10 - 8 - 2 To 8	10 -	Chittagong. Tippera. Dacca.
40	•	•	6 64	. 10	- 8			. 10	8 10	8 10 -	- to -	Deltaic Khulaa.
•		••								. 10 -	- 10	- Midnapur.
01	• •	•							8 12	_ 10 -	- 10 -	- Howrab.
	100	10	10 10	13 14 12 10 15 16	8 14 - 12 13 16 - 13	8 16	16		20 18	- 11	10 - 10 - 3 11 1 2 9 -	Hooghly. Nadia (Krishnagari). Separation of the separation of the

RETAIL PRICES FOR THE 2nd HALF OF JULY 1898-continued. (The figures

						Ri	CE.					
Districts,	WH	EAT.	Вля	LEEY,	Best	sort.	Com	mon,	(Sor	AR OR DEUM TAMES arej.	(Peni	RA OR MHU cillaria ata).
	Half- month of report.	Pre- vious half- month,	Half- month of report,	Pre- vious half- month.	Half- month of report.	half-	Half- month of report.	Pre- vious half-	Half- month of	half-	Half- month	Pre- vious half-
Bengal-continued.							-		report.	month.	report.	
Gentral— Bankura Bardwan	12	12 -	000		11 4 8 14	11 4	E4	14 -				
Birbhum	12 -	11 10		6.0.0	0 12		12 -	13 8	***	494	***	168
Murshidabad	13 -		***	411	10 -	9 12	12 12	13 —	1444	***	100	
Santhal Parganas	11 -	-0	22 -	22 -		10 —	13 4	13 8	444	111	460	100
Pabaa		10 8	16 -	16 —	9	9 -	13	13 —	500	***	100	000
Biogra .	12 12	18 12	33 8	22 8	6 —	6 —	12 -	11 4	100	***	200	***
Rajshahi	15 —	15 -	000	***	9 15	7 14	12 12	12 —	000		***	201
Malda	13 8	13 8	21 -	21 -	0	6 -	11 10	11 10			110	
Northern-	15 -	14 -	111		8 —	9 8	12 -	[3			20	***
	9 -	8 -	600	00.	7 -	8 -	11 -	10 -	***	***		20 →
Dinajpur	12 12	12 6		000	9 10	9 10	13 -	13		:00	100	140
Jalpaiguri	11 -	10 8		900	4 8	5 -	11 -	12 -	450	***	640	000
Darjeeling.	7-	7 -	8 -	8	5 4	5 4	10 11		000	100	***	990
Puri	7 14	7 14	***	***	8 -				***	***	***	000
Cuttack	9 3	9 3	114	***	9 3			13 2		***	***	448
Balasore	13 -	13 -	10					12 8		***	***	004
Singhbhum	8 -	8 —	400	1				13 —	***	***	***	+41
Manbhum	12 - 1	13 -						14 -	***	0.00	+41	***
Lohárdaga		6-1						13 -	***	040		16 -
	to		14 - 2	4 - 3	to	to	to	20			1	7
			4 - 2					2 - 3	***	000	- 40	001
11000	0 8 1:	2 - 1	_						***	ond	+60	440
	6 44 1;	5 32	2	3 15		6 131 11		2 -	+ 5 4	***	*80	000
Gaya	4 8 1,	4 - 2	2 - 2			- 1		1 8	***	***	***	100
Patna				3 — 41					8 8 1	7 8	000	199
Shahabad	(14	-)					E 12	(- 2	4 - 2	-	+00	***
har, north-	15	55		***		7 - 182		nd 8	***	***	100	100
Bhagalpur			2 24			15						
Muzaflarpur	3 - 14	- 20	- 18	- 0	2 18	- 13	7 "0	14	100	***	000	400
ouran	15		- 23 - 23		7 - 1	- 00	- 12		***	101	***	440
	5 - 15	- 25	8 25	8 7		8 11			100	***	***	100
V. Provinces—						11	8 11	8	800	***	•••	600
		12 20	5 20	2 5	11 2							
hampur	- 14	14 21 12 23	8 21	0 7	1 6		8 10	- 40	8 20	- 1 00		8
illaliabad	· 15		- 24	- 0	- 6	- 9	8 9	8 20	- 20	- 15	13 15	
anda		12 30	8 21	1		1	- 10		21		- 18	17/1
amirpur . 14		12 21	8 20	4 0	12 4	8 10	8 9	0		8 22	- 23	-1
awapore	- 13	8 22	- 23	- 0	- 6	- 10	- 10	- 18	14 18	8 19	8 18	12
tawah	8 14	4 25	4 23	- 5 - 7	- 5	8 10	- 10	-	- 23	- 31	- 21	
trukhahad	16 15		- 12			- 10	- 13	- 34	- 23	12		
ninpuri	- 16	5 24	8 23	13 4	119 4 1	1 } to						
Land	9 10	2 24 4	8 24		8 4		- 12	3)				
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uttra 15	- 15 -	- 24	- 24 -	- 8 -	- 7.	- 10 -	10 -	14		- 16.		
ligarh							1 10	0 0		5 21 -		
ulandshahr					- 5	7	8 7	8 20 -	- 30 -	- 14 -		
ation .		5 26 -	- 25	8 41	12 5 -	- 8	8 8	D 16	6 14 1			
Drammar 14	12 14 1	2 23	45	6.7		8 10 1:						
abii	8 10 1	0 24 1			3 10 1	7 10 0	10 (6	1 111	400		-

represent the number of sers (of 80 tolas) and chittacks sold for one rupee.)

MARU LAGI (LINE (Mien.	MIL. (Set	KUN,	GRA GHEN GHO! RADA OR SU (Cic	NA, LAY NADA		Mays).	THE GALL	AR, OR EUR, DIAN EA GRHE GHE!	SA	LT.	Districts.	
Half- onth of port.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month,	Half- month ot report.	Pro- vious half- month.	Half- month of report.	Pre- vious halt- montn.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pro- vious half- month.		
	***	• • • •	500	14 —	14 -	200	145	12 -	12 -	10	10 -	Bengal—continued. Gentral— Bankura. Bardwan.	
	004	600	888	16 -	15 —	404	***	19 8	20	9 13	9 12	Birbhum.	
1	000	***	010	19	18 -	***	***	26	25 —	10 4	10 4	Murshidabad.	
600	300	***	140	14 8	14 —	21 —	21 —	23 8	22 8	8 8	8 8	Santhal Parganas.	
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RETAIL PRICES FOR THE 2nd HALF OF JULY 1898 -continued. (The figures

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RETAIL PRICES FOR THE 2nd HALF OF JULY 1898-continued. (The figures

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Districts.	Witi	RAT,	Вли	L.KV.	Best	sort.	Con	amon.	(Ser	otuu gkum gara).	(Pens	MA OR MAI Cillaria Mata).
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Submontane— Ambala Ludhiana Jalanthar Hoshiarpur Gurdaspur Amritsar Siálkot	18 19 20 19 20 18 18	18 — 19 — 20 — 19 — 20 — 18 —	24 - 31 - 29 - 20 - 32 - 28 - 27 -	24 — 30 — 24 — 25 — 32 — 28 —	000 000 000 000	000 000 000 000	8 — 9 — 9 — 11 — 10 —	10 — 8 — 9 — 10 — 10 —	21 - 424 - 17 - 16 - 21 - 24 -	21 - 18 - 16 - 13 - 10 - 14 -	20 19 18 16 11 17	20 -
Hills— Simla Kangra	13 -	17 -	18 -	27 — 17 — 23 —	***	000	8 -	8 -	20 —	20 -	16 -	15 -
Northern— Kawaipindi Hazaia Peshawar Kohat	17 — 16 — 15 — 17 —	17 — 15 — 15 — 17 — 23 —	29 — 25 — 28 — 26 — 43 —	29 — 26 — 28 — 23 —	000 000 000 000	000	8 — 8 — 7 — 11 —	8 - 98 - 11 - 8	\$2 - \$23 - \$3 -	20 — 20 — 1	18 — 18 — 10 —	20 - 16 - 16 - 24 -
M'estern— Shahpur Jhang Alulan Montgomery Dera ismael Khan Musaflargarh	22 — 20 — 15 — 17 —	23 — 19 — 15 — 17 — 19 —	32 — 25 — 23 — 23 — 24 —	30 - 24 - 23 -	500 000 000	000	7 — 13 — 14 — 10 — 7 —	7 — 10 — 14 — 10 — 7 —	41 6 18 20 10	14 — 20 — 10 —	18 -	16 -
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Dharwar Belgaum Satara Sholapur Bijapur Poona	9 10 10 2 11 3	10 2 9 2 10 2 11 3 11 8	000 000 000 000	000	10 8 10, 3 5 14 9 1 0 15 7 14	11 8 10 3 5 14 9 1 7 6 7 14	11 8 10 8 7 4 9 12 9 8	11 15 10 8 7 4 9 12 9 8	17 11 10 10 13 11 18 12 21 10 15 4	17 — 15 9 12 11 17 14 19 13	18 10 16 1 11 12 17 14 17 10	16 12 15 2 11 12 17
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MANU RAGI SINF	Elen-		LIAN LIAN LET aris	CHC KADA OR BU (Ci	NNA, DLA, ALAY		ize Maya).	CAL PI (Caj	E, OR UR. DJAN EA ENHS W).	SA	LT.	Districts.
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18	20	14 — 15 — 18 — 10 — 12 — 19 —	14 — 15 — 17 — 10 — 12 — 18 —	20 — 23 — 23 — 23 — 24 — 24 — 21 —	2t — 23 — 22 — 22 — 23 — 23 — 20 —	28 - 28 - 24 - 25 - 24 - 23 - 23 -	28 — 28 — 25 — 25 — 24 — 18 —	*	8	12 12 12 — 13 — 12 12 12 — 12 — 13 12	12 12 12 — 13 — 12 12 12 — 13 — 13 12	Submontano— Ambala, Ludhiana, Jalandhar, Hoshidrpue, Gurdáspur, Amritsar, Siálkot,
15 —	14	9	9,-	16 -	15 —	24 — 22 —	21 — 22 —	9 -	8 — 12 —	8 — 10 —	8 -	Hills— Simla, Kángrae
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16	16 2	001 000 000	600	11 12 J4 4 11 9	11 1 13 9 11 9	***	000	8 6 11 6 11 2	8 6 11 6	II 11 11 6 10 9	11 11 11 6 10 9	Khandesh Ahmadaagar Nasik. Dudua.
18 8	18 —	900 400 000 000 900	000 000 000	9 17 12 - 10 - 13 8 15 8 15 -	9 11 12 8 12 — 10 — 13 8 15 8	000 000 000 000	000 000 000 000 000	11 9 12 — 12 — 10 G 12 8 11 —	11 9 12 — 10 8 12 8 11 —	12 — 13 4 12 8 11 8 13 8 12 — 12 12	12 — 13 4 12 8 11 8 13 8 12 — 13 8	Gujaras— Surat. Broach. Kaira. Baroda Cantonment. Ahmadabad. Godura. Uisa Cantonment.
	•	101	900	14 7	14 7	801	884	8 14	8 14	8o 	8o	Káthiawir
000	000	000 010 010 000 000	000 000 000 000	15 1 11 — 19 3 14 10 10 — 15 — 14 9	14 3 11 — 16 15 14 10 10 — 15 10 14 9	000 000 000 000	000 000 000 000 000	12 11 16 9 15 10	11 7 11 — 16 — 12 2 15 — 16 —	10 13 9 — 9 14 9 2 8 — 10 11	10 13 9 9 14 9 2 8 10 10 11	Central Provinces — Western — Nimar. Knandwa. Hosnangabad. Betul. Chinadwara. Nagpur. Wardna.

RETAIL PRICES FOR THE and HALF OF JULY 1898 -concluded. (The figure,

														R	CE.		lawa	ROR	BAIR	A 02
	Dist	RIC	TS.						WH	HAT.	Вдв	LEY.	Best	sort.	Com	mon.	CHO (Sor)	LUM Phum Parej.	(Penic	MERCE
									Half- month of report.	Pre- vious half- month.	Half- month of report.	half-	Half- month of report.	Pre- vious half- month-	Half- month of report.	Pre- vious half- month.	Half- month of report.	Fre- vious half- month.	Half- month of report.	vious
Central Province	C00-	CON	ld.																	
Central— Narsinghpur Sautor . Damoh . Jubbulpore Mandla . Seoni . Balághát . Bhandára . Chánda .									12 — 16 — 15 — 17 — 11 — 13 12	12 — 12 6 12 — 14 8 15 8 16 — 11 — 13 12 12 —	000 000 000 000 000 000	000 073 090 000 000 000	8 - 8 5 8 14 9 - 11 - 7 - 10 -	8 — 8 5 8 14 8 8 10 — 7 — 11 —	9 2 9 5 10 — 16 — 11 — 13 12 14 11	9 2 9 5 10 — 16 — 15 — 9 — 14 — 13 12 13 12	17 7 21 13 17 7 22 — 23 — 	18 4 21 13 17 7 21 —	000	10a 10a 10a 10a 10a 10a 10a
								• •	12 13 14 — 12 —	12 13 13 2 12 —	001 001 401	000	12 13 10 — 10 —	12 13	14 3 15 — 14 8	14 3 -15 — 14 —	141 441	010 400 801	100 000	194
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Secunderabad Bolaram Chadarghát					6	٠			y 0 7 14 9 8	9 6 7 5 8 13		•	\$ 4 2 4 12 6 4	5 78 4 11 6 4	6 7½ 8 5	6 63 7 14 10 -	14 9	14 2	13 8	14 -
fadras—												4	0 4		10 -	10 —	16 4	16 4	10 4	16
Malabar coast- Malabar . S. Canara .					•	4 .			80 o	000 000	***	***	***	000	8 14	9 5	000	***	***	204 00s
South, Central- Coimbatore Nilgiris Salem		•	•	•			•		990 80+	000	***	400 Vb4 gp0	000 001	000 000	9 8 7 3 8 8	9 8 7 3 8 8	13 14	14 2	15 8	15 14 12 11
Central— Bellary Anantapur Cuddapah Karnui	• •					•	•	• •	660 900 900	000 000 000	***	00. 00.	000 000 000	004 000 000	9 11 9 11 9 8 9 5	8 to 9 tt 9 8 9 5	18 8 18 8 15 13 20 3	17 8 17 8 16 to	15 3	16 -
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	ral-					•			0.00	000	***	**-	944	001	10 14	to ii	16 43	16 13	0 14 2	
Chingleput N. Arcot S. Arcot lanjore	ih			•	•	•			000 000 000	000 000 000 000	000 000 000	**** *** *** ***	000	000	9 2 8 11 10 5 9 10 9 10	9 2 8 11 10 5 9 10 9 10	13 —	13 —	13 14 13 2	13 3 14 2
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ysore—												15.73				4				14
Hassan Kadur Shimoga Chitaidrug					•				8 — 7 5 7 — 8 6 9 —	8 — 7 5 6 7 8 6 9 —	6 5 6 7 7 4 7 7 8 7 8 7	6 5 6 - 8 8 - 9 7 8 - 9 7	7 2 7 5 8 7 7 12 9 — 8 6 9 —	7 4 6 13 7 12 9 12 8 6		8 6 7 5 8 9 9 10 11 11 11 11 11 11 11 11 11 11 11 11	25 — 15 12 16 — 18 — 18 6 20 —	25 — 15 12 18 — 21 — 20 —	20	18
Coorg			•	•					7 8	8 -	6 8	7 8	9 -	8 8	11 -	11 -		Ast		600

represent the number of sers (of 80 tolas) and chittacks sold for one rupee.)

MARU RAGI sine can	(Klew-	KAN OR KA ITAL MIL (Sett stali	IKUN, IAN LET gris	CHES CHO KADA OR SU (Cic aristis	ENA, LA, LAY NAGA	MA (Zea A		ARHAI THU CADJ PE (Cajas Sindic	R, AN A	SAL	Æ,	DISTRICTS.
Half- nonth of report-	Pre- vious half- month-	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month	Half- month of report,	Pre- vious halt- month.	Half- month of report.	Pre- vious half- month.	Haif- month of report.	Pre- vious half- month.	
240 000 000 000 000 000 000 000	000	000 000 000 000 000 000 000	000 000 000 000 000	16 — 20 11 22 14 23 — 17 — 17 8 18 12 16 13	17 7 20 11 24 — 31 — 32 — 17 — 14 — 18 12 14 —	000 000 000 001 001 001	000 000 000 000 000 000	16 — 13 — 10 11 16 — 15 — 12 — 12 8 15 — 14 2	16 — 13 — 10 II 14 — 12 8 12 8 13 12 14 2	9 2 10 11 9 2 10 — 9 8 9 — 9 — 9 —	9 2 10 1! 9 2 10 — 9 8 9 — 9 8 9 —	Central Provinces—contd. Central— Narsinghpur. Saugor. Daunoh. Jubbulpore. Mandla. Seoni Bálághát. Bhandára. Chánda.
000 000 001	900	101	004	18 4 19 — 16 —	18 4 17 — 16 —	400 600 600	207 000 000	14 3 18 —	14 3 16 10	9 2 9 4	9 2 9 - 9 4	Bastern Biläspur, Raipur, Sambalpur,
000 000 000 000 001	40° 40° 40° 40°	600 000 000 600 000	000 200 200 000	15 6 14 4 13 12 12 — 14 — 12 —	16 — 13 12 13 12 12 — 14 — 12 —	000 000 000 000 000	400 000 450 450	10 — 13 12 12 — 16 — 13 — 20 —	10 — 13 12 11 4 16 — 13 — 25 —	10 — 9 — 11 8 10 — 11 — 9 8	10 - 9 - 11 8 10 - 11 - 9 8	Berar— Baton. Baton. Atola. Ellichpur. Amráoti. Wus.
14, 4	14, 4			12 3 11 11 13 —	10 12 11 3	:		8 15	8 6	8 151 8 12 8 14	8 152 8 7 8 12	Nizam's Territories— Secundershad. Holaram. Chadarghat.
000	800	40+	95.	***	***	000	***	0 000 400	861	12	12 —	Malabar Coast - Malabar Coast - Malabar. S. Canara.
16 -	16 6	001	00.	804	467		100	***		11 2 40 10 11 5	11 2 10 10 11 5	South, central Coimbatore. Nigura. Salom.
19 6 18 6 18 13 15 8	19 6 17 8 18 13 16 13	00+ 00+ 00+	400	000	400	000	950	001	000 000 001	12 11 11 8 12 3 10 2	11 13&12 11 11 8 12 3 10 2	Control— Beliary. Anantapur. Cuddapah. Karnul.
14 8 16 11 14 10	14 8 16 14 15 —	***	00-	***	504	***	000	000	201 600	10 — 13 — 13 2	10 -	East Coast, north— Ganjam. Vizagapatam. Godávari.
17 14 14 6	17 14		44.	**		080	***	481		13 3	13 3	Rast Coast, central Kistna. Nelloro.
15 2 13 11 17 2 13 8 13 10 13 13	15 2 13 11 16 3 13 2 14 6	001	000	000	000 000 000 000	000 000 000 000 000	000 000 000 000	000 000 000	06+ 00+ 00+ 00+	12 8 13 5 13 2 13 3 14 14	12 8 13 5 12 2 13 3 14 14 12 —	Rast Coast, south— Madras. Chingleput. N. Arcot. S. Arcot. Tanjore. Trichinopoly.
ut	, .		***		•••	000	40%	*06		14 5	14 5	Southern— Tinnevelly- Madura-
17 — 17 13 20 — 20 — 24 — 23 — 24 4 23 —	20 - 20 - 24 - 23 - 24 4		999	8 - 8 - 8 - 9 7	8 - 8 - 9 7		000 000 000 000 000 000	10 —	10	10 8	10 8 9 15 10 8 10	Mysore- Mysore. Bangalore. Kolar. Tumkur. Hassan. Kadur. Shmoga. Chitaidrug.
20 8	30 1	B	40+	11 8			000	9 5		9 -	8 8	Coorg. Coorg.

· Not sold.

J. A. ROBERTSON,
Offg. Director-General of Statisfics.
H. H. RISLEY,

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897.

									- 4	AVERAGI	E W	AGE	IS PER	MOI	TH.						
Distric	CTS.			Abi			l Agricul	lturi	1	Sy	ce o	e H	orse-ke	eper,		Com	mon N	lason, lacksmi	Car _l	peni	Br,
				11	397.		18	98,		18	97.			898.		18	397.		189	8,	
Burma				R	a.	p.	R	a.	p.	R	a.	p.	R	a.	p.	R	a. ;	þ. ,	R	7	To the same
									,												
Tenasserim-																					
Mergui .	•	•		15	0	0		0		15				0			0 (30	0	0
Tavoy . Moulmein and	Amhe	rst	0	10	0	0	10			13-0 to	0 1		12-0	to 1		25 12-0 t		1	25 o to		
Pegu (deltaic)—																	40				
Pegu .				12	8	0	12	8	0	15	0	0		0	_	*0				_	
Rangoon .	•			15	0	0	15	0	0	12		0	15		0	45	0 (10 45		0
Thôngwa . Bassein .	•	•		30	0	0	30			12		0		0			0 0) ;	30	0	0
										-0				0		-		1	7-0	-	-
Pegu (inland)-																					
Tharawadi .				15-0 t	0 20	-0	15-0 t	0 20)-0	12-0 to	O I	5-0	12-0	to 1	5-0	30-0 t	O 45=0	30-	o to	15	00
Henzada . Prome .				15		0	15	0		12	0	0		0		22	0 0	2	22	0	0
Toungoo .	•	•	*	16		0	15		0	15			_	0		-	0 0	_	30		
Thayetmyo			•	15		0		0		12			1	0		-	0 0		30		
Upper Burma-																					
Mandalay .	•			12	0	0	10	0	0	15	0	0	14	0	0	20	0 0		5	0	0
Bamo .	•	0		15		0		0		20-0 to	30	-0	20-0			30-0 to					
Pakôkku •	•		•	15		0	15			14				0	- 1	-	0 0		5		
										-3			.2	0	0	-3	0 0	3	30	0	0
Arakan-																					
Sandoway .				15	0	0	15	0	0	12	0	0	10	0		20	0 0				
Kyaukpyu.	•	•		8-0 t	0 9	-0	8-0 to) IO	-0	10-0 to	12	1-0	10-0 t			-	0 0		0		
. Akyab .	•	•	•	15-0	, 20	-0	15-0 M	20	-0	10-0 1	. 12	1-0	10-0	99 I	3-0	15-0 to	20-0	15-0	to	20-	0
Assam						1															
Surmo-																					
Sylhet .					0	0	8	0													
Cachar .	•		•	7	8	0	1	8		7-0 to	8		7-01	0		13-0 to	30-0	13-0	to 5		
Hill tracts—																					4
Khási and Jai	ntiá Hil	lls		8-o t	0 18	-n	11-0 to	20	-0	7-0to	15	-0	10-0	0 11		10-0 to	600	12-0		14	
Gáro Hills . Manipur .	•	•	•	7 8	0	0		0	0	9-0 ,	-	1-0	9-0 8-0	, I	2-0	18-0 ,		18-0	10	30-	
Brahmaputra-																					
Goálpára .	•	•		8-0 to			7-8 to			8-0 to		- 1	8-o t			15-0 to	30-0	15-0	to	30-	0
Kámrúp . Darrang .			•	5-0 ,	0	-	12 5-0 t	-	-	15			12		- 1	30	0 0	3	5	0 (D
Nowgong .	•			9-0 ,	. 14	-0	9-0 ,		- 1	8-0 ₁₀			7-8 t			10-0 n		15-0			
Sibságar . Lakhimpur .	9			8-0 ,			5-0			8-0 n			8-0	. 12	1-0	15-0 ,,	45-0	15-0	28	40-	0
Bengal -										3-000	-3		200	• •3		24-0 19	W-0	12-0	2)		
	o do			,																	
Eastern hill tra	CIS-																				
Nágá Hills.				10-0 to	0 15	-0	11-4 to) 15	-0	12-0 to	15	-0	12-0 t	0 15	-0	30-0 to	50-0	21-0	to I	0.00	

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897 —continued.

						A	VERAGE WAGES	PER MONTH,		
	District	s.			Able-bodied Labo		Syce or Hor	se-keeper.		on, Carpenter,
					1897.	1898.	1897.	1848.	1897.	1898.
4					R a. p.	R app.	R a. p.	Ra. p.	R a. p.	R a. p.
n.	engal—continued.									
-	Eastern—								10 0 to 11 0	
	Backerganj Noakhali	•	•		7 0 0	7 0 0	7 0 0 5-0 to 7-0	7 0 0 5-0 to 7-0	12-0 to 15-0	12-0 to 15-0
	Chittagong	4			10-0 to 12-0	10-0 to 12-0	7-0 ,, 8-0 6-0 ,, 8-0	8 0 0	7-0 ,, 15-0	10-0 to 15-0
	Tippera .		•		7-0 ,, 10-0 7-0 ,, 10-0	5-0 to 7-0	6-0 ,, 8-0	5-0 to 7-0	10-0 ,, 20-0	10-0 to 15-0
	Maimensingh	•	•		7 0 0	7 8 0	800	8 0 0	11-0 ,, 15-0	12-0 ,, 14-0
	Deltaic-				7-8 to 9-6	9-6 to 12-0	7-0 to 0-0	7-0 to 9-0	10-0 to 30-0	10-0 to 30-0
	Khulna .				7 8 0	960	7 0 0	7 0 0	15 0 0 12-0 to 18-0	15-0 ,, 22-8
	M dnapur .				8 0 0	15 0 0	7 0 0	7 8 0	16-0 ,, 24-0	12-0 ,, 18-0
	Howrah .				844	***	9 0 0	8 0 0	18-0 ,, 20-0	18-0 ,, 20-0
A 150	Hooghly .	· marh)			10 0 0	7 8 0	7 8 0	7 0 0	10-0 ,, 13-8	10-0 ,, 15-0
	Nadia (Krishna Jessore Faridpur				6-0 to 7-8 8-0 , 12-0	6-0 to 7-8 8-0 , 12-0	6-0 to 8-0 7-0 ,, 10-0	6-0 to 8-0- 7-0 10-0	8-0 ,, 20-0	10-0 ,, 15-0
	Central—				6 - 10 - 50	6-0 to 7-0		4-8 to 5-0	8-0 to 0-0	8-0 to 0-0
	Bankura . Bardwan .	•	•		6-0 to 7-0	7 0 0	5 0 0	6 0 0	15-0 ,, 18-0	13-0 ,, 15-0
	Birbhum				6-0 to 7-8	6-0 to 7-8	4-0 to 6-0	4-0 to 6-0 5-0 & 6-0	7-8 n 12-0	7-8 ,, 12-0 12-0 & 14-0
	Murshidabad Santhal Pargan	25			3-12 to 4-8	3-12 to · 4-0	4-0 to 6-0	5-0 to 6-0	7-8 ,,18-12	7-8 to 15-0
	Pabna				5-0 ,, 7-8	7 8 0	6-0 , 8-0 5-0 , 7-0	5-0 ,, 8-0	7-0 ,, 20-0	7-0 p 20-0
	Bogra . Rajshahi .	•			4-0 to 7-0	5-0 to 7-0	4-0 ,, 6-0	4-0 ,, 6-0	7-0 ,, 20-0	7-8 ,, 20-0
	Malda .		•		7 0 0	700	600	6 0 0	10-0 ,, 15-0	10-0 ,, 15-0
	Northern-				7 8 0	7 8 0	7 0 0	7-0 to 8-0	15-0 to 30-0	15-0 to 30-0
	Rangpur •	. 8	•		600	6 0 0	600	6 0 0	10-0 ,, 16-0	10-0 ,, 16-0
	Jalpaiguri .	0	٠	۰	7 8 0	7 8 0	8 0 0	800	15-0 ,, 20-0	15-0 ,, 20-0
	Hills— Darjeeling .	•	•		8 0 0	8-0 to 9-0	10 0 0	10 0 0	12-0 to 30-0	12-0 to 30-0
	Orissa—				4 8 0	4 8 0	5 8 0	5 8 0	7-8 to 10-0	7-8 to 10-0
	Puri Cuttack .				5 10 0	5 10 0 5-0 to 6-9	5 0 0 4-0 to 5-0	5 0 0 4-0 to 6-0	4-4 ,, 11-4 9 6 0	7-8 ,, 18-1 9-6 ,, 15-0
	Balasore .	٠	•	٠	5-0 to 5-10	30 60 0 9	4-010 3-0	4-0 60 0-0	, , ,	, , , ,
	Chota-Nagpur-				4 0 0	400	7 0 0	7 0 0	15 0 0	12 0 0 11-4 to 22-8
1.	Mánbhum . Lohárdaga			٠	5 2 6	4 11 0	500	5 0 0	5-0 ,, 8-0	5-0 , 8-0
60	Palámau . Hazáribágh	•		•	6 1 6 4-0 to 5-0	6 1 6 4-0 to 6-0	4-0 to 5-0 3-8 ,, 6-0	4-0 to 5-0 5-0 ,, 7-0	7-8 ,, 9-6 7-0 ,, 8-8	7-8 ,, 9-6 0-8 ,, 9-0
	Bihár, South-									5 P A
	Monghyr .		•	•	4 II 0 5 10 0	4-0 to 5-0	3-12 to 5-10	5 0 0 3-8 to 4-8	5-10 to 10-4	7-8 to 10-0
	Gaya .				4-0 to 5-0	4-0 ,, 5-0	4-8 ,, 5-0	4-8 ,, 5-0	7-0 ,, 8-0	7-0 ,, 8-0
	Shahabad .	•	•		3 12 0	3 12 0	5 0 0	4-0 ,, 5-0	5-8 ,, 10-0	5-8 ,, 10-0
	Bihar, North-				5-10 to 7-8	5-10 to 7-8	4-0 to 6-0	4-0 to 6-0		12-0 to 15-0
	Bhágalpur		•		6 8 0	400	5 0 0 3-0 to 4-0	5 0 0	6 0 0 3-12 to 9-6	6 0 0 7-8 to 9-6
	Darbhanga Muzaffarpur	4		0	3-0 to 4-0	3 0 0	4-0 m 6-0	400	780	7-0 . 8-0
	Sáran .	•		0	3-12 , 5-10	3-12 to 4-11	4 8 0	4-0 to 8-0	7-8 to 10-0 5-10 ,, 6-8	7-8 ,, 10-0
	Champáran	•	•	•	4 5 5					The second second

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897-continued.

								AVE	KAGK	WAGES PER MO	NTM.	
Districts	8,			Able-		Agricult	urai	Sy	ce or F	lorse-keeper.	Common Ma or Blac	son, Carpenter,
				189	7.	18	98.	18	97.	1898.	1897.	1898.
				R	a. p.	R	a. p.	R	a. p	R a. p.	& a. p.	R a. p.
W. Provinces-										* -		
Eastern-												
Mirzapur . Benares .	0	0		-	0 0	3	0 0	5	8 0	3 -	5 10 0	800
Ghazipur .				0	0 0	3	0 0	3	0 0	,	7 8 0	5 10 o
Jaunpur .				3	8 0	3	8 0	4	0 0	4 0 0	7 8 0	7 8
Allahabad .	*		٠	3	0 1	3	2 1	3	13 0	3 14 9	6 13 1	7 1 6
Central-										ili.		
Bánda . Fatchpur .		•	•	-	0 0	3	0 0	4	0 0	4	5-10 to 7-10	7 0 0
Hamirpur .				3	3 0	3	2 0	4		4	6 11 0	5-10 to 7-6 6 6 6
lalaun .	0					3 1	1 2	4	8 0	_	6 13 6	6 13 6
Cawnpore . Ihánsi .		٠		-	0 0	3	3 3	4	0 0	0 -0 -	7 7 0	7 4 9
Etáwah .			0	~	0 0	3 1	8 0	4	12 0	0	8 8 0	8 4 0
Farukhabad		٠		4-0 to	4-4	- 4	0 4-4		to 4-8	4	800	8 0 0
Mainpuri .		0	•	5 .	5 U	5	0 0	5	0 0	5 0 0	8 0 0	800
	•		•	4 6		4 1	1 0	4-8	& 5·0	4-8 & 5-0	10 0 0	10 0 0
Western- Meerut				4 5	5 4	4	4 0		0 4			
Agra .				3-8 20			0 5-0	4-0	9 4 to 5-0	7 7 7	8-0 to 10-0	10 8 0
Muttra .	•			4 1	0		1 0	5	0 0		9 6 0	10-0 to 12-0
Aligarh .	0			4-0 &		4-0 ŏ	5-0	5	0 0	5 0 0	10-0 to 15-0	10-0 to 15-0
Bulandshahr	•	٠	•	5	0	5	0 0	5	0 0	5 0 0	10 0 0	10 0 0
Submontane, East- Ballia	-			3 13	2 0							
Azamgarh	•	0		3 1:			0 0	• 3	8 0	, ,	7 8 0	7 8 0 6 8 5
Gorakhpur		0		2 1	4 3	-	3 0		& 4-0		6-0 & 7-8	7-8 & 7-10
Basti .	•		٠	3 1	2 0	3 1	2 0	4-0 1	0 5-0		8-0 to 12-0	8-0 to 12-0
Submontane, West-	-											
Shahjahanpur	0		•	2-0 to			0 3-0		to б-о	3-8 to 6-0	7-0 to 10-0	7-0 to 10-0
Budaun . Pilibít .		•	0	3-0 "		_	3-4	4	0 0	4	7-8 ,, 10-0	7-8- , 10-0
Bareli .				3 2		3 1	3 3	4	8 0	4 0 0	7 8 0	7 8 0
Moradabad	0	•		5 0		5	0 0	5	4 0	5 4 0	10 0 0	7 15 11
Bijnor . Muzaffarnagar	0		0	2-2 to		2-0 to		5	0 0	5 0 0	7-8 & 9-6	7-8 & 0-6
Saháranpur				5.0 "	6.0	4-8 8		5-0	% 5-0 ,, 6-0	4-0 & 5-0	11-0 ,, 12-0	11-0 ,, 12-0
Dehra-Dún	•	•		6-0 60		6-0 1			0 7-0		12-0 to 15-0	12-0 to 15-0
Hills—							}					*
Naini Tal .	•			4 0		5	0 0		8 n	600	800	10 0 0
Almora . Garhwál .	•	0		4-0 to		4-v to			0 6-0	5-0 to 6-0 5-0 ,, 6-0	7-8 , 15-0	7-8 , 15-0
						, , ,				3 0 13 0-0	, , , , ,	7 0 1, 150
dh— Southern —												
Partábgarh				3 0	0		0 0	3	8 o	1	6.0	
Sultanpur .	•		4	3 7	0		4 0	4	0 0	3 8 0	7 2 0	6 o o 7 8 o
Rae-Bareli	0	•			5	4	2 9		8 0	4 7 3	7 9 9	7 9 0
Unao . Lucknow .	•			3-0 & B	0	3-0 &	8 0		8 4-8 0 0	4-0 & 4-8	7-8 & 8-8	7-8 & 8-8
Hardoi .			0	3 0	0		8 6		4 0	4 0 0	7 8 0	7 8 0
Vorthern—												/ 14 0
Fyzabad .	•			1-14 to	4-0	1-14 to	4-0	A	0 0	4.0.0	5-10 to 7-8	
Barabanki .	•			3 4	0	3 1	2 0		0 0	4 0 0	780	5-10 to 7-8
Gonda .	4		0	2 6		2	6 0 1	3	2 0	3 5 0	7 6 0	8 I O
Bahraich . Sitapur .		•		3 0	0		0 0		0 5-0	4-0 10 5-0	8-0 to 10-0	8-0 to 10-0
Kheri .	•	•	•	2 15	0		8 0		0 0	3 8 0	6 3 6	6 6 0 8 0 0
jputana —												
Eastern— Partábgarh							0					
Bánswára .	•			7 8			8 0		0 0	5 10 0	15-0 to 16-14	15-0 to 16-14
Meywar (Udaipu	r)	0		4-0 to		4/0 to			0 8-0	5 b o 6-0 to 8-0	11-4 ,, 18-12 22-0 , 35-0	11-4 ,, 18-12
Hilly Tracts of M					0		10					

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897—continued.

				>					A	VERAGI	W	AGE	S PER M	10N	TH.						
1	DISTRICTS.			Able			Agricult arer.	urai		Syc	000	Hor	se-keep	% BF.					on, Carr	ente	or,
•				189)7.		18	98.		189	7.		189	8.		189	07.		189	8,	_
Rajputana—	contd.			R	a. p		R	a.	p.	R	a.	p.	R	a.	p.	R	a.	£.	R	a.	p.
Eastern -	contd.				4		E-0	٠. 6	-0	-	6	^	5-0 t	0 6	-	15	0	0	15	0	_
Sirohi Erinpura		•		5	6	- 7	5-0		-0	5	0			0		12			12		-
Ajmere				4-11 to			4-11		-8	5-01			5-01			7-8 10	-		7-8 to		
Abu .			٠	7	8			0			5		6-0 5-0 t	4		0-0 to			18-12,		
Kisheng Bundi	arn .	28		4-0 t	0 54		4-0	10		5-0	0			10		7-8			7-8		
Kotah			٠	4	0			0			ó		4	0	0	7-8			7-8 ×		
Jhallawa	IF . 5		. •	4-0 to	-		4-0	~		4-0			4-0 1			5-0	0		5-0 H		
Tonk					12		3-0 to	12		3-8	12		3-81	12		7-8			7-8 to		
Jaipur Kerauli	Mi byone So	3	0	2-13 to	0			8		3-0		-0	3.01			6-0			6-0		100
Dholpur		307		1-14 to			1-14 to		-	••						5-10			5-10 #		
Bhartpu		•	•	2-8 ,,			2-8,	- 4					0.0	4		4-0			4-0 ,		
Alwar	•	•	•	3-12 ,	5-10	D	3-12 *	5-	10	1-14-0 t	-	4-0	0.00			5-10	6		5-10	6	
	antonment ad Cantonm	ent		17			7	8	0	7-01		-0	7-0 1)°O	10-0 to			10-0 to		
Bálmer	· ·	4		5			5	10	0	**			,			. 9	-			6	
Anádra				7	0	4	7	0	0	6	0	0	0.0	0				.6		*	e
Shahput	8	•		5	10 (0	4	II	0	4	E	0	3	12	0	7-8	to g	-0	7-8	10 9	1-0
	•																				9
Western-									1												
Jodhpur		500		4		- 1		12		-		0	-	12		15		0		0	
Jaisalme				11	0 (8-0 to	14	-	6		6	4	3	6	9-6-0to					
Bikaner	• 1.00			4	87 4		•			7	9		4	9		1					
Central India	_																				
Indore				6	0	0	5	0	0	7		0	6-0		,		0		. 15		
	Cantonmen	t .		6	-	0		0	0		0		7			12-0 t		_	13		
Gwalior		•		5	2 (0	5	3	0	4-0	to c	.0	4-0 t	(0))-0	94	90 6	5*4	9-61	0 14	1-0
Panjab-																					
Southern-	-				0		6	0	0	E	0	0	- 4	0	0	10	0	0	10	01	la
Hissar Ferozpu		File		5	10	1		8	0	5	0	0	5	8	0	15	-	0		12	
r-crosp-					-																
Canton 1																					
Central- Lahore				6	0	0	6	0	0	6	8	0	6	0	0	13		0	18		Q
Gujrány	vála .			5		0	6	0	0	5	8	0	-	0		13	8	0	13	8	0
Gujrát				5	8		40		0	5	8		6		0	15		0	15		0
Jhelam	100			5	10	0	5	10	0	7	0	0	0	0	0	.3	•		.3		,
												1									
South-eas													6	•	0	10	0	0	15	0	
Gurgáo		•				0	5	10	0	5 5	6	0		10	-	13	2	0	12	8	(
Delhi Rohtak				1 0.	_	0	7 6		0	6	-	0	6	0	0	9	5	4	9	5	
Karnál				7		0	7	8	0	6	0	0	6	0	0	15	0	0	15	0	-
Submonta	te disease																				
• Ambala				7		0	7	8	0	6	-	0	6	_	0	12	0	0	12	0	(
Ludhiá	18			. 7	-	0	6	0	0	6	-	0	6		0	13	8	0	13	5	4
Jalandi		*	17,			0	6	0	0	6	0	0	6	_	0	10	0	0	10	0	
Hoshián Gurdás				-		0	5	0	0	6		0	6	0	0	15	0	0	15	0	
Amritse				8		0	8		0	6	0	0	6	0	0	15	0	0	15	0	
Siálkot	, ,	•		6	0	0	6	0	0	6	0	0	6	0	0	15	0	0	15	0	
	4																				
Hills-															-						
Simla			•	1 6		0	7 8	8	0	6		6	6	0	6	15	0	0	15	0	1
Kangre		•		8	0,	0	8	0	0	0	0	0	0	U	0	*3	0	9		-	
Northern								_		6	12	0	2	0	0	24	0	ó	23	0	
Ráwalp					12	0	7	0	0	7	8	0	6	10	8	22	8	0	22	8	
Hazára Pesháw					8	0	5	8	0	7	0	0	7	0		21	0	0	1	L2	
Knhát				7	0	0	10			6		0	9	8	0		0		22	13	
Bangu				6	0	0	6	0	0	6	0	0	0	U	0	15	43	4	1 2	-3	

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897—continued.

								AVERAGE	WAG	ES PER MON	TH.	
DISTRICTS		4	Abl	e-bodi La	ed Agricu bourer.	ltural		Syc	e or H	orse-keeper.	Common Ma	cksmith.
			18	397.	12	898.		189	7.	1898.	1897.	1898.
			R	a. 1		a.	p.	R	a. p.	R a.	ь. В а. р.	R a. p
Panjab—contd.												
Western-										-		*
Sháhpur . Ihang .			3 6	8 0	1	8	0	1	0 0	7 0	13 8 0	13 (
Multan . Montgomery	• •		9	0 0			0	8 7	0 0	-	23 10 8	26 0 0 17 8 0
Dera Ismael Kha			5	0 (5	8	0	6	0 0	6 8	0 21 4 0	21 4 0
Muzaffargarh Dera Ghazi Khai		0	5 4	8 0		7	0		0 0	6 9	18 12 0	18 12 0
٨					"			Ť				
ind and Baluchistan-	miga.											
Karáchi			12-0 to	0 15-0			-0	10-0 to	12.0	10-0 to 15-		25-0 to 45-0 25-0 ,, 30-0
Thar and Parkar	(Umarko	ot)	12	0 0	12	0	0	8	0 0	8 0	30 0 0	30 0 0
Shikarpur	tier .		12	0 0		,	0	IO	0 0	9 0		30.0 to 37.8
Quetta .		•	15	0 0	15			10-0 to		10-0 to 15-		30-0 ,, 40-0
ombay Konkan												
Karwar .	•		8	0 0			0		0 0	10 0		12 to 22-8
Ratnágiri			7	8 0	1 /	-	0	-	0 0	8 0	20-0 7 30-0	22 8 0
Bombay	•		7	8 0	II	0	0		8 0	9 8 6	27-8 , 42-0	27-8 to 42-0 22-8 µ 30-0
Deccan-						_						
Dharwar	•		7	0 0	6	-	0		0 0	7 8 6	0	15-0 to 22-8
Satara Sholapur		•	6	0 0		-	0	8 (0	8 0 0	11-4 to 15-0	15-0 to 18-12
Bijapur			3	12 0	5	10	0		0 0	8 0 0	18-12 to 22-8	18-12 to 22-8
Poona	•	•	7	8 0	6-0	to 8-	0	7-0 to	10-0	8-0 to 10-0	15-0 ,, 25-0	16-0 ,, 30-0
Khandesh-				0		A						- A 41. E21. 1
Ahmadnagar . Násik .			7	8 0	4-0	to 5-	0	Ś	0	7-0 to 8-0	15-0 ,, 25-0	12-0 to 30-0 15-0 ,, 26-4
Dhulia	•	•	7	8 0	7	-	0	-	0	8 0 0		22. 8 0
Gujarat— Surat			6									
Broach				0 9-0	10-0 to	0 12-		7-0 to		7-0 to 10-0	17-0 , 30-0	15-0 30-0
Kaira	nt .		4 1	8 0	4	8		9 0	0	9 0 0	9-6 ,, 18-12	9-6 ,, 18-12
Ahmadabad .	•	•	7	0 0	3 "	8	0	8 0	-	7 0 0	22 8 0	18-12 ,, 22-8 22 8 Q
Godhra Disa Cantonment	•	•	5 1			10 (7 0	0	7 0 0	^	15-0 to 22-8 18 12 0
Cathiawar-												
Rájkot	•	•	10	0 0	9	6	3	8 0	0	7 0 0	15-0 to 22-8	22 8 0
											•	
ntral Provinces—												
Nimar Khandwa	•		9	0 0	5	0 0	- 4	6 0	0	6 0 0	15 0 0	15 0 0
Hoshangabad .			6	0 0	3	0 0		-	0	6 0 0	15 0 0	15 0 0
Betul		•		0 0	4 5	0 0		6 o	0	600	15 0 0	15 0 0
Nagpur	•		5	0 0	5	0 0		7 0	0	7 0 0	15 0 0	15 0 0
. Wardha	-	•	5 1	0 0	5 1	lo c	2	6 0	0	6 0 0	15-0 to 18-12	15 0 0

WAGES OF SMILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897—continued.

									A	VEI	RAGE	W	AGRS	PER	MON	TH.		-				
DISTRICTS	в.			Able-l		ied A about		tura	i		Syce	Of	Horn	-keep	er.		Comm			n, Carp smith.	ente	r,
•				189	7.		18	98.			189	7.		18	98.		18	97-		189	8.	
				R	a.	p.	R	4.	p.		R	a.	p.	R	a.	p.	R	a.	p.	R	a.	p.
a de Standardon	andd																					
Central Provinces	eguta.																10			10	0	0
Narsinghpur	•		•	~	0	0	4	8	0		6	0	0	6	0	0	10	0	0	10-0 t		
Saugor • Damoh •				5	0	0	4 5	0	0		7	0	0	6	0	0	12	0	0	_	0	_
• Jubbulpore	0			3	8	0	4	0	Ü		5	8	0	5	8	0	10-0	0	1	8-0 to		
Mandla •		4		_	8	0	5	8	0	}	5	0	0	6		0		0	4		0	
Seoni • Bálághát •	•	4		3	0	0	3	12	0		556	8	0	5	-	0	12-0			11-0		
Bhandára .		4		4	0	0	4		0		6	0	0	5	0	0	11-8 t	0		9.01	0 13	
.Chánda .	•	*		4	8	0	5	0	0		0	•		3				(
Eastern—														,						10	0	0
Biláspur .				3	0	0	4	0	0		6	0	0	-	0	0	7		0	10	0	0
Raipur . Sambalpur .			. :	5		0		15					0	7	0	0	15	0	0	15	0	O
Berer-										17												100
Buldána .		•		10	0	0	5		0		7	0	0	7	0		22			15		0
Básim •		•	•1	-		0	6	-	0		4 5	10	0	6			17			21		0
Akola • Ellichpur •				5		0			10		8	0	0	2	2	8	15			21		9
Amráoti .		0		6		0	6		0		7	0	0	7	0		21		0 0	15		
Wun •		•		9	0	0	62	, .	, 0													
Nisam's Territories	_										0 -	Am	0.0	8	n to	0-0	22-0	10	25-0	22-0	to :	25-0
Secunderabad Boláram				9-0 t	0 1	0-0	9-0		10-0		6-0	Et)	8-0			8-0			22-8	15-0	to ;	30-0
Chadarghat				7	2	0	7	2	0				0	8	3 6	0	1	5 (0 0	1	5 0	0
Madras-																						9
Malabar Coast— Malabar				8	1	8		8	t 8		7	12	0		7 12	0	15-4-8	to I	6-13-8	15-4-8	tore	5-12-8 18-11
S. Canara .		•	•	8	7	0		8	7 0		6	12	0		D E	3 0	16-1	4 10	18-12		7 22 4	
																				1		
South, Central-	-			4		3		4	8 6	5	6		5 4		6	5 4	16-	, to	18-1	2 16-4	to I	8-12
Nilgiris .				7		8 0		7	8 4	3	8	I	2 0) 2	2 1	2 0	S 13-0-0	3 11	6 0
Salem .	•	0	•	3	30	3 4		4	2 {	8	5		2 8		5 1	0 1	118-10)*BE0	12-10	3	, ., .	3-60-6
Central-						• •		6	4		-	5	8 0		7	0	0 15	o to	16-1	14 18-1	2 to	20-1
Bellary .				60 60				5	0	0	(5	0 0		6	0	0	15	0 () 1	5	0 0
Cuddapah .	٠		•	7	7				8				8 0			8			0 (8-1	12 15-0		0 0
Karnul .	•	٠			5 1	0 0		5	10				0 0				.3					
East Coast, nor	th—							-		6			8 o		5	8	0 0-11	-6 to) [1el t	-6 9-11-	6 to	11-11
Ganjam • Vizagapatam		,			1 1	0 0			10		1		8 0		5 6	8	D . II-	5-6,	, 13-9	-0 11-5	6,0	13-9-
Godávari •		٠	4		5 1				13			6	2 8		6	2	8 16-5	4 11	16-10	16-5-	4 10	10-10-
East Coast, cen	tral-											0			**	P	4 17-4		0.10.4	250	no fe	10-0
Kistna .					7	5 4	1	7	2	8			0 0		6	12	0 15	-0	· 17	8 15	O 21	17-
Nellore .	•	•			U	0 (0	0													
East Coast, sou	th-							-				6	8		6	8	0 13	-0 t	o 16-	0 13	-o ti	0 16-
Madras .		4	•	1		0	0		0	0		5	4			4	0 13	-8	, 16	6 13	-8,	, 16
Chingleput N. Arcot				1	6	- 67	2	6	3	2		5	6	5	5	6	5 15-	1-2 .	. 16-1	1-2 15-3	-2 21	16-1
S. Arcot .					5	11	0	5	7	3		6	8		6	0	7 15	12	16	11 15-	15 1	, 10-
Tanjore . Trichinopoly	,						5		15	6		7	0	-	7	ó	0 1	2-3	, 14	1 13	-2	, 15-
Themmopory					3	0		J														

WAGES OF SKILLED AND UNSKILLED LABOUR FOR THE HALF-YEAR ENDING 30th JUNE 1898 AND THE CORRESPONDING PERIOD OF 1897—concluded.

											AVERA	GE	WAG	GES PER	MONTE			
D	ISTRI	CTS,			Abi	e-bod L	ied . abo	Agric urer.	ultu	ral	Sy	rce (or H	orse-kee	per,	Com	non Ma or Bla	son, Carpenter,
					18	397.			1898.		18	397.		18	98.	18	397.	1898.
					R	a. 1	6.		a	i. p.	R	a	. р.	R	a. p.	R	a. p.	R a. p.
Madras—conto Southern— Tinnevelly Madura			•	•	5 5	4 11	0		5 4	0		10	8		10 8 14 0		13-7	13-6-8 to 14-13-4- 13-2 n 13-7
Mysore— Mysore Bangalore Kolar Tumkur Hassan Kadur Shimoga Chitaldrug		•	0 0 0		10-0 t	0		22-8 7 7 3-1:	8 to o to	0-0	6 12 7 6 8 9 8	0 0 0 0 0	0 0 0 0 0 0	9-0 6 8 9 3-0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15-0 to 22-8 ,,	30-0 4 0 25-0 30-0 0 0	22 8 0 15-0 to 30-0 25-0 ,, 30-0 15-0 ,, 25-0 22-8 ,, 30-0 10-0 ,, 25-0 15-0 ,, 30-0
Coorg		•	•		7-8 to			7- 8	to z	0-0	9-0 to			9-0 to		22 30-0 to	8 0	22 8 o 30-o to 37-8

J. A. ROBERTSON,
Offg. Director-General of Statistics.

FINANCE AND COMMERCE DEPARTMENT.

H. H. RISLEY,
Offg. Secretary to the Government of India-

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, August 27th, 1898.

The general lightness of the rainfall, which was the principal characteristic of the weather last week, has continued during the week under review. The Arabian Sea current gave only light rain throughout, so that only showers were received during the week over the Peninsula and Gujarat. The Bay current, on the contrary, gave fair to heavy rain for a portion of the week over the area affected by it. On the first day of the week the rainfall from this source was confined to Burma, but on the 22nd a shallow but well-defined depression lay over South-West Bengal, and Bengal received good rain on that and the following day. On the two next days the rainfall was scanty, but on the 26th another depression appeared and the two last days of the week had good rain. The central parts of the country received good rain from the 21st to the 24th, after which only a few showers were reported. The North-West Provinces, on the contrary, received very little rain from the 21st to the 24th, but on the 25th a small depression appeared over that region and rain fell steadily until the close of the week. The greater part of North-West India was practically rainless until the close of the week when there occurred a rush of south-east winds along the line of the hills, and the submontane regions of the Punjab received moderate to heavy rain. North-West India and the Peninsula, as a consequence of this distribution of rainfall, experienced hotter weather than usual, while the Central Provinces were relatively cool, and the remaining provinces had about the normal temperature.

Daily Summary.—Sunday, August 21st.—Pressure had increased over Burma and North-West India and had decreased elsewhere. Pressure was lowest in the North Punjab, highest in the south of the Bay, while the storm which was passing through Upper Burma on the 20th was shown over East Bengal. The winds were southerly over Burma, generally westerly over the Peninsula and more or less variable over Northern India. The monsoon was light along the west coast. The mean temperature was high for the time of year over Bengal and very high over the central parts of the Peninsula and North-West India, while it was very low over Burma and the Central Provinces. Rain had fallen fairly generally over Burma, the North-West Himalayas and the central parts of the country, but elsewhere only showers had been received.

Monday, August 22nd.—The barometer had continued to rise over Burma, but had fallen over the greater part of India. The storm had moved westward and was shown over South-West Bengal and the east of the Central Provinces. Variable winds were reported over North-West India, while in other parts of the country the wind directions were more or less affected by the storm. The mean temperature was lower than usual over the Bay area and the Central Provinces, but elsewhere the heat was more or less excessive—particularly in the north-west. Fair showers had been received over Burma, Bengal, the central parts of the country and parts of the west coast, but elsewhere there had been little or no rain.

Tuesday, August 23rd.—The barometer had fallen over the west of the Central Provinces and Central India, and the storm had reached the neighbourhood of Jubbulpore. Elsewhere the barometer had generally risen and was highest in the extreme south. The winds over a large part of the country were influenced by the storm, but in the Punjab south-easterly and southerly breezes were experienced. The monsoon was about normal along the west coast. The heat was less than usual over the central parts of the country and the north of the Peninsula, but remained excessive in other parts of the country. Over the west of the North-West Provinces, the Punjab, Sind and South Madras there had been no rain, but in other places the weather had been rainy to showery.

Wednesday, August 24th.—The barcmeter had fallen over Burma and Northern India, but had risen over the Peninsula and the central districts. The rise had been rapid over the Central Provinces, and the depression noticed there. on the 23rd had filled up. The barometer read considerably higher than usual.

over the Deccan. The winds were variable over the Punjab and the North-West Provinces, southerly in Burma and Bengal and generally westerly elsewhere. The temperature distribution relatively to the normal was the same as on the preceding day. In the North-West Provinces, the Punjab, Rajputana, Sind and the centre and east of the Peninsula there had been practically no rain, but elsewhere the weather had been more or less showery.

Thursday, August 25th.—The barometer had fallen almost everywhere. Pressure was highest in the extreme south and lowest in the extreme north, and there was still a slight excess of pressure over the Peninsula. The winds were southerly in the Punjab, Lower Bengal and Burma, but were generally westerly elsewhere. On the Malabar Coast light north-north-west winds prevailed. The mean temperature was low in North-East India and in the Central Provinces, but was generally excessive in other places. The principal variations from the average were +11'3° at Rawalpindi, -6'8° at Hoshangabad and +7'2° at Cuddapah. There was no rain of importance over Lower Bengal, the Punjab, Sind, Rajputana, the Deccan and Madras, but elsewhere there had been light to heavy rain.

Friday, August 26th.—The barometer had risen almost everywhere; the change had been greatest in the north-west and exceeded o'20' inch at Rawalpindi. The lowest pressures were reported from Upper Sind, and two small shallow depressions were shown—one over the North-West Provinces, the other over Bengal. South-easterly winds were blowing right along the foot of the hills as far as the Punjab. Temperature had fallen almost everywhere, but the heat was still excessive over North-West India and over the Deccan. There had been moderate to heavy rain over the submontane districts of the Punjab, but the south and centre of the Punjab, Rajputana, Sind and parts of Gujarat were practically rainless.

Saturday, August 27th.—The barometer had risen, except over Burma and East Bengal. The depression over Sind had filled up, but the storms over the North-West Provinces and Bengal were still shown. The south-east current along the foot of the Himalayas was much interrupted. Gujarat and Rajputana and the Peninsula, except the Carnatic, had higher temperatures than usual, but in general the weather was cool. The rainfall distribution was generally the same as on the 26th, but the rainfall was slightly more extensive over the Punjab.

Temperature.—The variations of temperature from the normal have, during the week under review, agreed closely with the distribution of rainfall. The north-west of India has to a great extent been without rain, and the Punjab, Sind and Rajputana have experienced very hot weather. The Peninsula has had much lighter rain than usual, and both Bombay and Madras record hotter weather than the normal. In other places the rainfall has been heavy to normal, and the mean temperature has been low or about the average.

The following table gives temperature data for the week:

PROVINCE,			Α	UGUST 1	Sg 8.			Mean
	21st	22nd	23rd	24th	25th	26th	a7th	variation of week.
	0	0	0	0	0	0	0	0
Burma . Bengal and Assam North-Western Provinces and Oudh.	-2·1 +2·0 -1·1	-1'2 +1'7 +3'0	+0'9	+0.8	+0.3	-0·1 -1·5 -4·7	-0.8 -2.5 -4.0	-0.9 +0.1 -0.3
Punjab , Bombay . Central Provinces and Berar Central India and Gujarat . Sind and Rajputana . Madras		+6·5 +1·7 -2·1 +0·2 +1·9 +1·7	+7.2 +0.2 -3.2 +0.4 +3.1 +0.8	+6.6 +0.1 -3.4 -0.1 +4.7 +2.1	+6·3 +1·2 -2·6 -0·8 +4·1 +2·9	+2·3 +1·6 -4·1 -2·3 +2·6 +2·6	-2'9 +1'2 -0'8 -1'5 +1'9 +1'0	44.6 +1.1 -2.7 -0.6 +3.0 +1.8
Mean for whole of India .	+1.0	+1.2	+1.4	+1'4	+1.3	-0.4	-0.0	+0.4

On all days of the week, except the two last, the mean temperature of each day for the whole country has exceeded the normal by about 1°. On the two last days there was a slight deficiency. The provincial variations show that the hottest area was the Punjab. On the 23rd the heat in that province was 7.2° higher than usual, while on the 27th, after the occurrence of rain, it was 2.9° below, so that there was a range of 10°.

Rain -As mentioned above, the rainfall over the greater part of the country and during the greater part of the week was light and scattered. The Bombay current gave very little rain to the Peninsula districts and hardly penetrated at all into North-West India, while the Bay current was interrupted by depressions over Bengal and the Gangetic Plain, so that this stream of airs also did not reach Upper India during the greater part of the week. Hence for several days during the week both the Peninsula and North-West India had exceptionally light rainfall. As regards the Central Provinces, North-East India and Burma, conditions were favourable for rain. Depressions were shown over North-East India between the 21st and the 24th and again on the 26th and 27th. These storms occasioned much ascentional movement within the monsoon current blowing in from the Bay, and heavy rain was received over the regions mentioned above throughout the existence of these storms. The development of the storms of the 26th and 27th was marked by a considerable and large change in the pressure conditions over Northern India. This change accompanied the setting in of south-easterly winds all along the foot of the Himalayas, and these winds from the Bay carried rain north-westward into the western districts of the North-West Provinces and into the submontane and central districts of the This extension of rain was very important, as the western districts of Punjab. the North-West Provinces and the whole of the Punjab were suffering from want of rain. Remarkably enough at the same time that the rainfall extended over Northern India, there occurred a considerable extension of the shower area over the Peninsula. The rainfall returns of the week show that rain fell daily in Lower and Central Burma and Arakan, while in Upper Burma the middle days of the week were generally fine. In Bengal and Assam rainfall occurred almost daily, though in most districts it was more general at the close than at the beginning of the week. In the North-West Provinces the weather during the first half of the week was fine and in the last half very rainy, while in the Punjab there was practically no rain until the two last days. Along the west coast there were daily showers, but at the more inland stations it was only on the last two days that there was any rain. Over North Bombay light scattered showers were received throughout, while over the central districts the weather, though showery throughout, was finer at the close than at the beginning of the week. Over the greater part of Rajputana there was very little rain. In the centre and east of the Peninsula there were some showers on the last days of the week.

The table at the close of the summary shows that no rain whatever was received in Baluchistan, West Rajputana and perhaps the Jeypore division of the east coast and practically none in the West Punjab and Sind, but in all the remaining rainfall divisions effective rain was received. The amounts ranged from 14.87 inches in Tenasserim, 14.85 inches in Assam (Surma) and 8.90 inches in the Assam Hills, to 0.24 inch in the South Punjab, 0.34 inch in South Hyderabad and 0.39 inch in the central division of the east coast. In no less than thirty-three of the divisions was the average rainfall of the week more than the normal as compared with only nineteen last week. The area of excessive rainfall included the following divisions, vis., the Tenasserim, Deltaic and Arakan divisions of Burma, all the Assam divisions, the east, central, north and Orissa divisions of Bengal, both the Bihar divisions, all the North-West Provinces divisions (except North Oudh), the south-east, central, submontane, hills and north divisions of the Punjab, all the Central Provinces and Berar divisions, Gujarat, Kathiawar, the east of Central India and the south and south-central divisions of Madras. The principal cases of excess within this area were +9.81 inches in the Surma division of Assam, +6.91 inches in Tenasserim, +4.69 inches in East Bengal, +4.17 inches in the central division of the North-West Provinces and +4.40 inches in the east of Central India. Over the remainder of India, comprising twenty-four divisions, the average actual rainfall was less than the normal, the

largest cases of deficiency being—4.82 inches in Coorg, —2.47 inches in Malabar and—1.52 inches in Rajputana (East) and Central India (West). The deficiency in the East Coast [North (a)] is very doubtful.

The three concluding columns of the table show the actual average and normal average rainfall for the three months, May 29th to August 27th. The rainfall has been heavier than usual during that period in South Bihar, both the Oudh divisions, the east, east-submontane and central divisions of the North-West Provinces, the North Punjab and the East Coast (North) and lighter than usual in Upper Burma, the South-East, South and West Punjab, South-Central Madras, Coorg, Mysore, Kathiawar, Baluchistan, Rajputana (East) and Central India (West), West Rajputana, Central and South Madras and the south of the East Coast. In the remaining divisions the variations are unimportant.

The following are the principal totals recorded during the week:

Burma			Moulmein .			w	14.87	inches.
			Minbya, Akyab				12.04	***
Assam			Sunamgunj, Sylhet				39.72	33
			Dibrugarh .			•	17.28	33
Bengal		•	Noakhali .				17.99	3.9
9			Pirgunj, Rungpur				16.60	3.9
Bihar .		0	Jahanabad, Gaya		•		12.57	99
N.W. P.			Sirathu, Allahabad	•	•		15.31	99
			Khaga, Fatehpur	•		9	15'57	93
Punjab			Jagadhri, Umballa	4	•		5'35	93
			Dehra, Kangra .		•	•	12.65	37
West Coast	4		Mangaon, Colaba		•		9.20	93
			Bavda, Kolhapur	•		•	8.36	22
Central distr	icts		Seoni, Hoshangabad	•			23.46	9.1
			Bhopal	6	0	٠	12.2	3.7
Madras .			Palaconda, Vizagapa	tam	•		4.33	37
			Proddatur, Cuddapah	١.		۰	4.07	25

		RAINFAL	DATA FOR WE	an ambine		DATA FROM M GOURT 27TH, 18	
PROVINCE.	DIVISION,	Average actual rainfall of division.	Average normal rainfall of division,	Excess or defect in inches.	Average actual rainfail of reason to date.	Average nor- mal rainfall, May 20th to August 27th.	Excess or do fect of (sea- sonal) rain- fail expresses as a per- centage.
•		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	14.87 4.02 1.66 2.74 8.64	7.96 4.43 2.86 3.29 5.73	+ 6'91 + 0'49 - 1'20 - 0'55 + 2'91	131'91 70'62 37'32 20'15 147'00	124'39 61'86 39'48 35'40 135'38	+ 6 + 14 - 5 - 43 + 9
Brigal and Assam .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	8·39 14·85 8·90 4·90 2·12 4·47 5·32 5·12 3·44 2·25 3·98 2·60	3'70 5'04 5'12 3'23 2'96 2'75 3'34 5'80 2'57 3'13 2'61 2'18	+ 4.69 + 9.81 + 3.78 + 1.67 - 0.84 + 1.72 + 1.98 - 0.68 + 0.87 - 0.88 + 0.37 + 0.42	60°11 63°47 73°30 45°01 33°60 37°50 53°56 79°79 31°24 38°16 33°48 29°01	56'03 70'90 80'16 44'28 34'60 33'65 57'91 88'92 31'68 33'07 27'76 30'78	+ 7 - 10 - 18 + 2 - 3 + 11 - 10 - 1 + 13 + 21 - 5
NORTH-WESTERN PROVINCES AND OUDE.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Contral 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	3°11 576 2°13 6°67 2°85 4°73 3°85 3°13	2.68 2.37 2.36 2.50 1.70 2.21 2.36 2.58	+ 0°43 + 3°39 - 0°23 + 4°17 + 1°15 + 2°52 + 1°49 + 0°55	35'56 34'19 38'19 30'49 15'45 38'65 27'70 34'29	25'30 23'69 25'00 23'16 17'50 26'79 29'06 30'53	+ 41 + 44 + 32 - 12 + 44 - 5 + 12
Роијав	26. South-East Punjab 27. South 28. Central 29. Punjab Submontane 30. Do. Hills 31. North Punjab 32. West do.	1'19 0'24 1'70 2'33 7'52 0'98 0'04	1'15 0'90 1'11 1'50 4'13 0'91 0'44	+ 0'04 - 0'66 + 0'59 + 0'83 + 3'39 + 0'07 - 0'40	11:38 7:72 10:80 17:43 45:05 11:28 3:52	15'04 10'06 10'99 18'14 45'80 9'33 4'85	- 24 - 23 - 4 - 21 - 27
BOMBAY AND MALABAR, COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	0'81 1'24 1'06 0'80 3'89 0'58	3'28 1'04 5'88 0'83 4'51 0'85	- 2'47' + 0'20 - 4'82 - 0'03 - 0'62 - 0'27'	72'31 10'04 62'63 11'45 96'19 20'15	83:06 15:91 91:12 17:16 91:63 17:30	- 13 - 37 - 31 - 33 + 5 + 16
CENTRAL PROVINCES AND BERAR.	41: Berar	1°78 5'78 6'00 3'06	1.22 3.10 3.82 5	+ 0'10 + 3'15 + 0'10		24.94 27.41 37.63 35.08	- 17 + 15 + 16 + 7
Bouray (North)	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	0.01 0.28 0.28	2°18 0°57 0°21 0°03.	+ 1'11 + 0'01 - 0'20 - 0'03	34\53 9\05 3\57 0\52	33°06 14'75 4'26 1'98	+ 4 - 39 - 16 - 74
RAJPUTANA AND CEN-	40. Central India Bast 50. Rajpujana Fast, Central India West. 51. West Rajputana	6'48' 0'63	2'06' 2'15	+ 4'40	31.26	27.55 20.71	+ 13 - 33
MADRAS	52. West Rapputsus 53. East Coast North 52-A. Do. do. (a) 33. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	1°17 0 0°34 0°43 0°39 0°69	0°93 1°29 2°15 1°58 0°65 0°87 1°03 0°47	- 0'93' - 0'12 - 2'15 - 1'24 - 0'22 - 0'48 - 0'34 + 0'05	4'97 20'36 23'80 15'32 6'64 9'57 7'17 2'56	8'91 16'34 37'92 15'02 9'94 10'15 9'52 3'90	+ 25 - 37 + 2 - 37 - 6 - 25 - 34

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Government of India.

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 27th August.—The rainfall was fair in the Circars, Cuddapah, and Central districts and light generally elsewhere. Over Anantapore and a large part of Bellary, Nellore, and the Southern districts there was practically no rain, but fair rain has fallen in the last few days over the southern part of the Camatic, the Central districts and the eastern portion of the Deccan districts. The water-supply, under large works, is generally ample; but under minor works it is poor and in wells low in many places. The recent rainfall has set agricultural operations going again over a wide area, but they are still retarded in parts of the Carnatic, the Deccan, and the Southern districts. The standing crops are fair in the Circars and where under irrigation they have generally improved where rain has fallen; elsewhere they need rain urgently. The early harvest is yielding a very moderate outturn. Pasture is scarce, but should improve after rain. Fodder is dear. Cattle are generally in fair condition. Prices are cheaper in the Circars; but are dearer in the Deccan and in some Carnatic and Central districts; elsewhere they are generally stationary. The numbers on relief in Nellore were:—workers—179 men, 155 women, 42 children. Dependants—fed at kitchens—one woman, 23 children. Grand total 400. Loans disbursed during the week Rs. 600. The recent rain has improved prospects in the Central districts, and in the greater part of the Carnatic and a portion of the Deccan, but more rain is wanted almost everywhere.

Bombay.—For week ending 31st August.—Rain fell in all districts of the Presidency Proper and in two of Sind during the week. The fall was moderate in the Konkan and Gujarat; elsewhere it was slight. The total fall has been insufficient in the East Deccan and the Karnatak, where the early crops are withering and late sowings are retarded. More rain is also wanted in Kathiawar and in part of Sind and for the rice crop in parts of Gujarat and Konkan. The standing crops have been damaged by locusts in four talukas of Belgaum and by rats in one of Hyderabad. Preparations for the late crops are progressing in four districts. Fodder is sufficient, except in parts of Hyderabad. Agricultural stock is healthy. Prices have fallen in five and risen in three districts. The price of jowari in Sholapur was—16½ seers per rupee. The average number of relief workers in Sholapur was—13,995, of whom 4,295 are men, 7,869 women, and 1,831 children. On gratuitous relief—Sholapur—5,401, of whom 2,087 are men, 2,225 women, and 1,089 children.

Bengal.—For week ending 29th August.—There was rain in all parts of the Province during the week and in Eastern Bengal the fall was very heavy and some damage to the crops is reported from Tippera, Noakhali, and Chittagong. The transplantation of winter rice is being rapidly completed, but in the north of Champaran, Muzaffarpur and Darbhanga, and in Purnea more rain is required. The autumn crops are promising, except where they have been damaged by floods, in Patna, Monghyr, and the Sonthal Parganas. Grass-hoppers are still doing damage to the paddy plants in several thanas in Midnapore. The harvesting of early rice and the cutting and washing of jute are in progress. There was a slight fall in the price of rice in some districts. The fodder-supply is everywhere sufficient.

North-Western Provinces and Oudh.—For week ending 31st August.—
The rainfall during the week has been good and timely in the Western districts, but in the Eastern and Central districts a break is needed, and slight damage is reported to crops in lowlying lands. The standing crops are otherwise in a flourishing state and weeding operations continue. The early autumn crops are

being reaped in parts. Preparation of fields and ploughings for the spring crops are in progress. Supplies and fodder are abundant; prospects are good; and prices stationary or falling.

Punjab.—For week ending 31st August.—Rain ranging from 3½ to ½ inch has fallen in all districts, except Multan, Sialkot, and Peshawar; a slight fall is also reported from Dera Ismail Khan. The sowings of autumn crops are still going on; harvesting of the rice crop has commenced in parts of Amritsar. The condition of the standing crops is good to average. The recent rain has benefited the crops, but more is generally wanted in Hissar, where the rainfall is insufficient to invigorate the withering crops, and crops on dry land are still suffering. Locusts appeared in parts of Rawalpindi, but did no damage. Cattle are generally in good condition. Fodder is sufficient in all districts, except in parts of Dera Ismail Khan. Prices—especially of wheat—are rising in Peshawar and Dera Ismail Khan, falling in Delhi, Umballa, Jullundur, and Amritsar, and are unchanged elsewhere. Wheat is selling from 14½ to 20, gram 19 to 22, barley 28 to 30, bulrush-millet 16 to 24, maize 18 to 29, and great-millet 20 seers per rupee.

Central Provinces.—For week ending 30th August.—Heavy rain has again fallen in Damoh and Jubbulpore, but elsewhere the weather has been generally rainy or showery. A break is badly needed in Saugor, Damoh, Jubbulpore, Mandla, Narsinghpur, Hoshangabad, Betul. and Balaghat, where the standing crops are not in good condition and weeding operations are retarded. More rain is required in parts of Wardha in which districts the total rainfall up to date is short of the average. Transplantation of rice is approaching completion in Nagpur, Chanda, and Bhandara, and continues in the Balaghat district. Prices are almost stationary with slight fluctuations in the rates of wheat and rice. Gram has risen in three while juar has fallen in two districts. The cheapest prices are—wheat 18, gram 30, rice 17, and juar 24 seers per rupee. Balaghat is the only district where wheat is selling under 12 seers per rupee; and in two districts namely, Narsinghpur and Betul, rice is selling under 10 seers per rupee.

Burma.—For week ending 27th August.—In Lower Burma transplanting is nearly completed and the young plants are healthy. In Upper Burma the main paddy and upland season is now beginning under favourable conditions. Early upland crops have been secured in several districts and crops now standing are generally healthy, except in parts of Thayetmyo, Pakôkku, the Ruby Mines district and Shwebo, where rain is insufficient. Damage by floods is reported from Kyaukse. The price of paddy has fallen slightly in Rangoon, Prome, and Henzada; and has risen slightly in Mandalay; elsewhere it is stationary.

Assam.—For week ending 30th August.—Heavy rain fell in the Surma Valley, Lakhimpur, the Khasi Hills and the Garo Hills during the week. Harvesting of early and transplanting of late rice continue. The rice crop has been submerged in parts of Cachar and damaged by floods in parts of Darrang and Lakhimpur. The cutting of jute continues in Goalpara and prospects are good. The condition of sugarcane and prospects of tea are generally good. Prices—common rice—Silchar—10\frac{1}{2} to 11; Sylhet, Sibsagar, and Dibrugarh 10; Gauhati 11; Dhubri 16; Tezpur 9; and Nowgong 8 seers per rupee.

Mysore and Coorg.—For week ending 31st August.—Mysore: Rainfall 66 cents in the Civil and Military Station and good rain in parts. Rain is much needed in Hassan, Chitaldrug, and Kadur. Crops are withering in Hassan and Kadur. Prices have risen in five districts. Ragi (Eleusine coracana) has been sown in Bangalore, Tumkur, Chitaldrug, and Shimoga.

COORG: Rainfall one inch 61 cents. Rain is wanted badly in parts. Transplanting of rice continues. Ragi (Eleusine coracana) is in ear. Prices of foodgrains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 31st August.—BERAR: The Rainfall was plentiful in Ellichpur and moderate elsewhere. The weather is cool

and cloudy. Cotton, jowar, and other monsoon crops are generally in good condition. Fodder is reported insufficient in parts of Amraoti. The water-supply is adequate. Prices are fluctuating in Akola, Buldana, and in Wun; otherwise they are stationary.

HYDERABAD: Rainfall during the week 43 cents. More rain is wanted and particularly in the Raichur and Lingsagar districts, where, if rain continues to hold off, prospects will become bad. Elsewhere more rain is required to mature the standing autumn crops, but on the whole prospects are good. Rice sowing still continues. Prices of grain are stationary. Prices—wheat 72, coarse rice 8, and jowari 152 seers per current sicca rupee.

Central India.—For week ending 31st August.—Good rain fell in Central India during the week. The fall has been excessive in Baghelkhand and insufficient in the northern part of the Malwa Agency. Agricultural operations are in progress. Crops have been slightly damaged by excessive rain in Bundelkhand and Baghelkhand and by want of rain in Malwa. Agricultural stock and pasturage are in fair condition in Malwa; good elsewhere. Food-grains are slightly rising in prices in Bundelkhand and are steady elsewhere.

Rajputana.—For week ending 31st August.—Rainfall—4 inches in Pertabgarh and Bhurtpore; one to two inches in Abu, Kherwara, Meywar, Kotah, Tonk, Deoli, Kerowlee, and Dholepore; nearly one inch in Jhallawar, Bundi, and Ulwar; about half-an-inch at Sambhar and Shahpura; 14 cents in Ajmere. No rain in Marwar, Sirohi, Jaisalmere, Bikanir, Jeypore, and Kishengarh, where rain is badly wanted. Unirrigated crops in Ajmere have withered and have been lost and the same has occurred more or less in the Native States. A grass famine is feared in Marwar and in other Western States. Prices are falling in three States; rising in three; and are steady elsewhere.

Kashmir.—For week ending 30th August.—The weather is fine. The standing autumn crops are in good condition. Prices continue below normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 31st August.—Good rain fell during the week. Prices are falling slightly. Wheat is 15 and maize 20 seers per rupee. The condition of the standing crops is fair. Fodder is sufficient.

Nepal.—For week ending 27th August.—Rainfall 2'48 inches. Rice is doing well. The indian-corn has been harvested and the outturn is good. Rice—8 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

			. Po	IECEDING WAS	Bift.		REALITY WEST	ι,	Increase
Name	OF PROVINCE.	_	Relief	Gratultous relief.	TOTAL.	Relief works.	Gratuitous relief.	Total.	decrease
Madras Bombay			3 65	5,158	389	376 13,995	24 5,401	19,398	+ 1E
	TOTAL'		16,044	5,182	21,226	14,371	5,425	19,796	-1,430

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Nors.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons mittously relieved in poor-houses or at their homes.

	Name of Province and		E WEEK		FOR THE	TE WEEK	ENDING ST 1898.		IE WEEK		FOR TH	R WREK	ENDING ST 1898.
No.	District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
1	Madras.	667	40	707	544	29	573	496	28	524	365	24	389
	TOTAL MADRAS .	667	40	707	544	29	5 73	496	28	524	365	34	389
1	Bombay.	13,896	4,997	18,893	13,914	5,435	19,349	£4,074	5,341	19,415	14,074	5,158	19,232
2	Poona	2,273	***	2,273	2,351	•••	2,351	2,172	6.00	2,172	1,605	***	1,605
	TOTAL BOMBAY .	16,169	4,997	21,166	16,265	5,435	21,700	16,246	5,341	21,587	15,679	5,158	20,837
	GRAND TOTAL FOR ALL PROVINCES.	16,836	5,037	21,873	16,809	5,464	22,273	16,742	5,369	22,111	16,044	5,182	21,226

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, tually show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

T. W. HOLDERNESS,

Secretary to the Government of India.

Dated and September, 1898.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JULY TO 2187

AUGUST 1897, AND FROM 1ST JULY TO 20TH AUGUST 1898.

N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

	Average earnings per mile		E ENDING S			GUST 1898		Earnings	Romines	Carnings	
BAILWAY.	per week during		Earnin	ZH.		Earnin	gs.	from 1st July to	from 1st July to	Increase.	Decrease.
DAILWAI.	the 2nd-	Moan mileage		er mile open.	Mean mileage		mile en.		20th August		APOUTGEAU,
	half of 1897.	worked.	TOTAL.	Per p	worked.	TOTAL.	Per mil	10071	2000		
State Lines worked by companies.	Re.	Miles.	Rs.	Rs.	Miles.	R×.	Re.	Rs.	Rs.	Rs.	Re.
East Indian Bengal Central	629	1,737	9,77,204	563 152	1,740 125	8,65,000 12,700	497 102	75,87,960 1,27,396	78,49,000 1,15,000	***	2,38,360
Parant Name	11.0	862	82,901 1,09,424	146 146	962 800	72,000 82,700	75 103	6,46,162 8,18,798	5,85,000 6,19,000		(H, 16)
Indian Midland (including Bhopal-Itarsi Bozwada Extn. (East Coast State) Madras-Ennur sec. (Bezwada-Mad.)		752 21 9	2,810 1,113	J34 124	21 9	3,500	167	25,255 7,950	21,700 5,500	0 6 P 6 8 P 6 4 P	1,99,798 3,555 2,456
Rajputana-Malwa (incldg. GRNagda)	196	1,815	2,95,434	163	1,815	3,00,000	165	24,23,508	24,21,000	***	2,508
Palanpur-Deesa South Indian	168	1,042	1,68,678	30 162	1,042	1,50,000	35 144	3,772 12,75,848	4,200	428	1,32,868
Mayavaram-Mutupet Southern Mahratta (including Guntakal	95	54	4,539	84	54	4,200	78	38,444	33,500	***	4,944
Mysore Frontier section) Mysore section (Southern Mahratta)	110 127	1,165 296	1,39,967 45,215	137 153	1,165	1,05,000 27,200	90 92	11,88,259 3,12,108	7,74,000 1,96,000	***	4,14,250 1,16,108
Bengal and North-Western (including	3		87,761	108		1,06,000	121	7,59,525	8,89,000	1,29,475	
Tirhoot section) Lucknow-Barcilly	126	815 200	9,896	-19	873 200	12,700	63	79,757	1,01,000	21,243	***
Assam-Bengal	. 69	238 888	11,867 1,07,594	50 121	203 986	20,900	71 142	74,592 8,79,825	1,07,000	92,408 1,27,175	811
State Lines worked by the State.	220	10,036	20,83,961	208	10,348	18,96,100	163	1,62,49,159	1,54,30,900	***	8,18,20
Standard gauge-			4.00.400	10.			104		40.04.606		
North Western (a) . Oudh and Rohilkhand (including the	243	2,885	6,37,422	221	2,885	5,59,000	194	43,89,447	43,24,000	***	65,447
metre gauge link) Eastern Bengal (incldg. metre & 2' 6")	177	875 817	1,29,463 2,47,584	3011	1,013	1,88,000 2,53,000	136 309	9,95,685 16,32,848	11,49,000 15,90,000	1,53,315	42,80
East Coast	104	538	54,809	102	538	33,700	63	4,26,007	2,98,000	400	1,28,607
Jorhát	67	25	1,750	70	25	3,700	148	13,880	16,200	2,320	91.
Cherra-Companyganj Total	243	5,140	10,71,028	208	5,279	9,87,400	157	74,57,867	(b) $73,77,200$	***	80,807
Lines worked by guaranteed cos	-										
Great Indian Peninsula (c) Bombay, Baroda and Central India	328	1,491	4,46,905	300	1,401	3,74,000 1,86,000	251 403	32,75,407 16,37,974	80,69,000 15,54,000	***	2,06.407 86,971
Madras	507 260	461 840	1,79,707 2,47,946	205	461 840	2,07,000	246	17,08,910	15,81,000	000	1,27,910
TOTAL (GUARANTEED AND STATE)	337 250	2,792 17,968	8,74,648 40,29,687	313	2.792 18,419	7,67,000	275 198	60,22,201 3,03,29,317	62,04,000 2,90,12,100		4,18,28
Assisted companies.	200	# F (thing)	*0,20,001	6,47	10,910	180,100,1000	100	0,00,20,011	2,50,12,100	***	25,21,211
Bthindard gauge— Delhi-Umballa-Kalka	212	160	30,691	192	162	24,600	152	2,02,699	1,63,000		39,699
Tarkessur Southern Punjab (Delhi-Samásata)	232	22	3,231	147	400	$\frac{3,300}{26,700}$	150	37,919	34,600 2,00,000	2,00,000	3,311
Robilkhand and Kumaon (Co.'s sec.)	126	GG	8,808	133	66	5,400	82	-52,154	54,500	2,346	841
Bengal Dopars	184	36 78	6,330 14,400	176 185	36 78	7,100 17,200	197 221	41,810 1,07,967	43,900 1,26,000	2,090 18,033	
Dibru-Sadiya Ahmedabad-Parantij	44	41	1,464	36	55	2,300	42	14,406	15,500	1,004	917
Special gauges- Darjeeling-Himalayan		51	12,150	238	51	13,000	255	1,10,676	1,00,000	***	10,676
Barsi . Total	93	475	79,099	167	21 891	1,00,500	113	13,106	7,45,900	1,65,163	4,706
Lines owned by native states and		410		101	0.71	3,00,000		5,00,107	1,10,000	2,00,100	
worked by other agencies.				10.45					40.000		
Bína-Goona	. 21 52	74 114	880 3,884	12 34	74 114	1,900 7,700	26 68	8,744 34,089	12,800 57,100	4,056 23,011	967
Nagda-Ujjain The Nizam's guaranteed state	213	35 334	1,144 60,065	33 180	35 334	1,000 60,600	29 181	9,639 4,89,322	12,800 4,72,000	3,161	17,399
The Gackwar's Potlad	86 106	13	785 11,779	109	13	700 10,500	54 97	7,346	7,200 82,800	5,134	146
Kolar Gold-fields	423	10	4,715	471	108	3,100	310	77,666 28,913	29,500	587	981
Metre gauge— Yesvantpur-Mysore Frontier section (in										,	mr 441
oluding Mysore-Nanjangúd). The Gackwar's Mehsána	93	66 93	8,099 3,660	123	66 93	4,200 4,600	64	56,741 36,042	31,300 36,600	558	25,441
Kolhápur	. 40	29	1,699	59	29	1,300	45	15,244	9,800		5,444
The Gaekwar's Dabhoi	43	79	3,325	42	79	3,300	42	24,414	24,800	386	***
Rajpipla	12	19 22	296 876	16 40	19 22	100 700	5 32	1,642 2,485	1,200 5,700	3,215	0.09
Lines owned & worked by n. states.	115	996	1,01,207	102	996	99,700	100	7,92,287	7,83,600	•••	8,687
Metre gauge-		004	19 910	**	604	10 500	P/O	1.00.046	8 00 000		24,948
Bhavnagar-Gondal-Junagad-Porbandar Jotalsar-Rajkot	84	334 46	3,164	58	334 46	16,700 2,600	50 57	1,62,948 23,684	1,38,000 20,200	000	3,434 2,325
		51	2,270	45	54 21	1,700	31 88	14,625	12,300 6,000	6,000	2,000
Jodhpore-Bickaneer		364 60	17.532 2,008	48	405 60	24,100 2,300	60 38	1,47,894	1,54,000	6,106 3,611	681
Uodevpore-Chiror		UU	21000	QO.	OU	49000	GO	15,589	19,200	0,011	
Oodeypore-Chitor		0.4	p: /sinin	00	0.4	F 500	04	44 990	40.004		3,551
Special gauge-	92	949	5,677 48,404	00 51	94	53,900	61 53	44,751	42,200 3,91,900		9,551 17,541 11,78,282

 ⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khangaon, and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. BAILWAY STATISTICS.

No. XIX of 1898-99

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN BAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

	Average		ENDING S			ENDING S	OTH					
	carnings per mile		Earning		-	Earning	78.	Earnings from 1st	Earnings from 1st		2	
BAILWAY.	per week in	Mean mileage		ile.	Mean mileage		0	April to 21st August		increase.	Decrease.	
	1897-98.	worked.	TOTAL.	Per mile open.	worked.	TOTAL.	Per mi open.	1897.	1898.	91		
te lines worked by companies.	Rs.	Miles.	Rs.	Re.	Miles.	Rs.	Re.	Re.	Re.	Re.	Ra.	
ard gauge— met Indian	654 183	1,737 125	9, 77,204 19,048	568 152	1,740 125	8,65,000	497 102	2,24,58,741 3,52,472	2,28,87,000 3,72,000	4,28,259 19,528	***	
Bengal Contral .	139	862 752	82,901 1,09,424	96 146	962	72,000	75	28,03,087 24,47,228	27,02,000 24,25,000	3,98,913	00 000	
ndian Midland (Meluding Bhopar-toskar)	199	21	2,810	134	800 21	82,700 3,500	103 167	59,879	74,600	14,721	92,228	
Judras Funúr sec. (Bezwada-Mad.) . (gange- igange-Malwa (inoldg. GRNagdá)	135	9	1,113	124	9	600	67	24,337	18,200	2000 484	6,187	
hajputana-Malwa (inoldg. GRNagda)	210 44	1,815 17	2,95,434 510	163 30	1,815	3,00,000	165 35	76,03,526 17,899	94,10,000 14,200	18,06,474	3,699	
uth Indian	166 92	1,042 54	1,68,678 4,539	162 84	1,042 54	1,50,000 4,200	144 78	37,26,051 1,09,505	34,72,000 1,02,000	***	2,54,051 7,505	
Manage Frontier section	113	1,165	1,59,967	137	1,165	1,05,000	90	33,24,564	24,94,000	***	8,30,564	
lysore section (Southorn Mahratta) - lysore section (Southorn Mahratta) - lysore section (Southorn Mahratta)	123	296	45,215	153	296	27,200	92	8,24,758	6,05,000	000	2,19,758	
Tirhoot section)	147 81	815 200	87,761 9,896	108	873 200	1,06,000 12,700	121 63	26,00,169 3,42,057	27,34,000 4,30,000	1,33,881	***	
ssam-Bengal	73 186	238 888	11,867 1,07,594	50 121	293 936	20,900 1,33,000	71 142	3,18,400 31,39,139	5,06,000 82,16,000	1,87,600 76,861	***	
TOTAL .	243	10,086	20,83,961	208	10,348	18,96,100	183	4,96,51,812	5,14,62,000	18,10,188	***	
tate lines worked by the State.	000	0.00*	0.05.400	001	0.000			3 35 05 50	1 50 00 600	10 10 100		
orth Western (a) adh and Rohilkhand (including the	236	2,885	6,37,422	221	2,885	5,59,000	194	1,15,97,564	1,58,38,000	42,40,436	***	
metre gauge link) . Lastern Bongal (inoldg. metre & 2'6")	195 362	875 817	1,29,463 2,47,594	148 303	1,013 818	1,38,000 2,53,000	136 309	34,17,035 45,15,868	40,23,000 46,61,000	6,05,965 1,45,632	410	
Lask Coast	106	538	54,809	102	538	33,700	63	11,14,718	10,90,000	0.70	24,718	
orhát herra-Companyganj	69 44	25	1,750	70	25	3,700 (b)	148	41,125 (c) 2,945	36,100 (d) 1,400	***	5,025 1,545	
nes worked by guaranteed cos.	235	5,140	10,71,028	208	5,279	9,87,400	187	2,06,88,755	2,56,49,500	19,60,745		
and gauge—	381	1,491	4,46,995	300	1,491	3,74,000	251	1:07,37,856	1,35,35.000	27,97,144		
meat Indian Peninsula (e) mbay, Baroda and Central India	586 201	461 840	1,79,707 2,47,946	390 295	461	1,86,000	403	62,48,636 47,10,180	72,94,000 44,85,000	10,45,364		
ladras TOTAL	370	2,792	8,74,648	313	2,792	7.67,000	275	2,16,96,672	2,53,14,000	36,17,328		
OTAL (GUARANTEED AND STATE) Assisted companies.	262	17,968	40,29,637	224	18,419	31,50,500	198	9,20,37,239	10,24,25,500	1,03,88,26	1	
lard gauge	207	160	30,691	192	162	24,600	152	5,50,298	5,90,000	39,702		
arkessur outhern Punjab (Delhi-Samasata).	278 42	32	3,231	147	22 400	3,300 26,700	150	1,28,825	1,26,000 7,62,000	7,62,000	2,825	
gauge— schilkhand and Kumaon (Co.'s sec.)	121	66	8,808	133	66	5,400	82	1,61,159	1,96,000	34,841	***	
Bengal Docars	149 198	36 78	6,330 14,400	176 185	36 78	7,100 17,200	197 221	1,00,267 3,13,816	98,800 3,21,000	10,184	1,407	
lamedabad-Parantij	45	41	1,464	36	55	2,300	42	(f) 30,797	67,800	37,003		
Darjeeling-Himalayan	274 125	51 21	12,150	238	51 21	13,000	255 43	3,00.769 57,399	3,06,000	5,231	5,299	
TOTAL .	147	475	79,090	167	891	1,00,500	113	16,43,270	25,22,760	8,79,430		
worked by other agencies.												
Bina-Goona	26 61	74 114	980 3,884	12 34	74 114	1,900 7,700	26 68	41,689 1,34,382	42,400	711 37,618		
Shopal-Ujjain	60	35 334	1,144	33	35 334	1,000	29	49,227	56,100	6,873 2,02,994	***	
ne Gaekwar's Petlad	84	13	785	60	13	700	54	18,38,006 29,478	22,500		6,978	
Rijpura-Bhátinda	122 402	108 10	11,779 4,715	109 471	108	10,500 3,100	97 810	2,91,158 75,776	2,80,000 81,400	5,624	11,158	
gauge— cavantpur-Mysore Frontier section (in-			0.000	100	-			2 01 077	00.000		OK 199K	
duding Mysore-Nanjangud) The Gaekwar's Mehsana	84 71	93	8,099 3,660	123	93	4,200	64	1,31,975 1,43,646	1,40,000	4++	85,175 3,646	
holhapur		29	1,699	59	29	1,300		46,745	82,900	***	13,845	
The Guekwar's Dabhoi	51 11	79 19	3,325 296	16	79 19	3,300	42	96,841 1,642	93,300 4,500	2,858	8,541	
Torat	120	99G	876 1,01,207	102	996	99,700	100	19,821 24,00,381	22,200 25,85,100	2,379		
nes owned & worked by n. states.		-	2,02,201		000	00,100	-	25,00,000			-	
Bhavnagar-Gondal-Junagad-Porbandar	97 82	334 46	17,758 3,164	53	334 46	16,700 2,600	50 57	7,18,470 77,272		92,530	3,779	
Jámnagar Dhrángádrá	88	51	2,270	45	54	1,700		(g) 44,658	43,600 (h) 7,500	7,500	1,058	
Orlumpto-Rickenson	62	364	17,532	48	405	24,100	60	4,89,801	4,87,000	11,640	2.601	
all gauge	38	60	2,008	83	60	2,300	38	47,560		15,999		
Morri	88 75	949	5,677 48,404	60 51	1,014	53,900		1,54,001 15,31,762	1,70,000	1,20,088		
GRAND TOTAL .	243	20,388	42,58,347	209	21,320	39,04,600	183	9,76,12,652	10,91,85,100	1,15,72,44		
Includes the Jammy and Kashmin	- 2 /12	77.3.3	2.00 11	27+ 1	(-) %	2 Ab - 317		Coal the Dh	ond-Manmád.	the Kha	hear con	

Includes the Jammu and Kashmir and the Hyderabad-Shadipalli
railways.
Closed for traffic.
From 1st April to 15th May 1897.
From 1st April to 15th May 1898.

(a) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon and the Auraoti railways.
(b) From 1st May to 21st August 1897.
(c) From 1st April to 21st August 1897.
(d) From 1st June to 20th August 1898.

W. J. McELHINNY, Capt., R.E.,

Offg. Under Secretary.

Printed and published for the Government or India at the Government Central Printing Office, Simia.



The Gazette of India.

No. 37.}

SIMLA, SATURDAY, SEPTEMBER 10, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette or India will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rupces per annum if delivered in Calcutta, or eight Rupces if sent by Post. The Supplement and Part VI or the Gazette can also be subscribed for separately on a payment of Rupces six per annum if delivered in Calcutta or Rupces nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, September 3rd, 1898.

The principal feature in the weather during the week under review was a depression which passed from East Bengal westward as far as the Central Provinces and subsequently as a slight residual disturbance through Rajputana. This storm gave rain to Bengal and the North-West Provinces on the 28th and 29th, to West Bengal and the Central Provinces on the 30th and 31st, to Central India and Eastern Rajputana on September 1st, and to other parts of Rajputana on the 2nd. It had wholly disappeared on the 3rd. In the Punjab the weather was fine on the 28th of August, but on the 29th showers commenced in the south-east and submontane regions, and these showers continued and extended during the week, though they were throughout heaviest and most frequent in the submontane districts. Over the Peninsula the weather was showery throughout the week, though less so in the Circars than in other parts of that region. In Burma general heavy rain fell at the commencement of the of that region. In Burma general heavy rain fell at the commencement of the week, and thereafter the weather was showery until the close of the week.

Daily Summary.—Sunday, 28th August.—The barometer had fallen briskly at the head of the Bay, over the North-West Provinces and in North-West India and had changed slightly elsewhere. Two depressions were shown one over Lower Bengal and the second over the Allahabad and Benares divisions of the North-West Provinces, while the lowest pressures were reported from the Indus Valley. The winds were cyclonic in the neighbourhoods of the two depressions and between west and south-west in other places. Along the west coast the force of the monsoon was very low. The mean temperature was generally high over North-West India and the Peninsula and lower than usual elsewhere. The Punjab, Rajputana, Sind and Gujarat were without rain, but in all other places showery to rainy weather had prevailed.

Monday, August 29th.—The depression over the North-West Provinces had filled up, but that over Bengal had grown deeper and had moved westward to Burdwan. Pressure remained low over the Indus Valley and high in Malabar, and the pressure differences were large. The winds were cyclonic in Bengal, westerly over the Peninsula and the central districts and south-westerly in North-West India. The mean temperature remained high in North-West India and over the Peninsula and lower than the normal in other parts of India. Rain had fallen over the same regions as on the 28th, but over the Peninsula the showers were more extensive and in the Punjab one or two falls were reported.

Tuesday, August 30th.—The storm had moved west-north-westward and lay to the south of Allahabad and Benares. It was apparently growing slighter. The barometer had risen fast in Bengal. Elsewhere there was not much change, and the only alteration in the winds was that due to the transfer of the centre of the cyclonic circulation westward. Along the west coast the monsoon was, however, inclined to increase in force. The mean temperature was high over North-West India and the Deccan and low over Bengal and the central parts of the country. In the Punjab, Rajputana, Sind and Gujarat there was still no rain of importance, but elsewhere there had been showers which were heavy in places.

Wednesday, August 31st.—The storm had moved westward and lay over the region represented by the stations of Nowgong, Sutna and Jubbulpore. Pressure had continued to rise over North-East India, where the barometer now marked slightly above the normal. The pressure differences were slighter than on the preceding days, but otherwise there was not much change. The wind was drawing more to north-west over the Peninsula and the centre the cyclonic circulation lay over Bundelkhand. The force was about normal along the west coast. Temperature had fallen briskly in the submontane districts of the Punjab and was below the normal in that region. In other respects the distribution was similar to that on the 30th. Rain had extended into the submontane districts of the Punjab and to a few stations in Eastern Rajputana. The weather had been showery over the greater part of the country.

Thursday, September 1st.—The barometer had risen over the north-east and centre of India and had fallen elsewhere. The storm which had become exceedingly shallow had continued to move westward and was shown near Neemuch. The winds blew from about the usual monsoon directions—from west over the Peninsula, from south in Lower Bengal and from east and south-east in Northern India. The mean temperature was low for the time of year over the central districts and higher than usual elsewhere. The principal variations from the normal were +8:1° at Mooltan and -4:5° at Akola. In North-West India and the east of the Peninsula there were considerable tracts of country without rain, but in general the weather had been showery with heavy rain in parts of Central India and Rajputana.

Friday, September and.—The barometer had fallen in Burma, but had risen in nearly all parts of India. The storm had filled up, and the pressure, though higher in the north-east than usual, presented about the usual distribution. The winds continued to blow from about the normal directions. The force was generally low. The heat was less than usual at the foot of the North-West Himalayas, over North Bombay and over Madras. Elsewhere it was generally excessive. General showery weather had prevailed.

Saturday, September 3rd.—The barometer changes had been almost everywhere slight. Pressure was low over the Punjab, relatively low over the Gangetic Plain and high in Tenasserim. The winds were generally westerly, but calms were numerous in Northern India. The force remained low. The mean temperature slightly exceeded the normal over Burma, Bengal, the North-West Provinces and the Punjab and was in slight defect in Madras, but elsewhere it was nearly normal. General showery weather continued to prevail.

Temperature.—During the first half of the week a marked deficiency in the mean temperature was shown over Bengal, the North-West Provinces and the Central Provinces, accompanying the heavy rain, which fell along the course of the storm noticed at that time. A very decided fall of temperature also took place during the week in the submontane regions of the Punjab coinciding with the extension of rain into that area. By the close of the week the heavy rainfall

had more or less disappeared, and generally showery weather prevailed, during which the heat of the whole country was very nearly normal.

The	following	table	gives	temperature	data	for	the	week:
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PROVINCE.		Augus	т 1898.		SEP	Mean		
PROVINCE.	28th	29th	30th]]Ist	ıst	2nd	3rd	variation of week.
	0	0	0	0	0	0	0	0
Burma	-1.7	-1.0	+0'3	+0.6	+1'3	+13	+1.0	+0.3
Bengal and Assam	-1.6	-1.1	-1'2	-0.3	+0.7	+0.7	+1'4	0.3
North-Western Provinces and Oudh.	-2.3	-3.6	+0.1	+ 0'4	+1.0	+1.7	+1.3	-0.3
Punjab	+0.0	+3.0	+3.1	+1.7	+2.6	+2.8	+1'0	+ 2.2
Bombay	+1.0	+1'0	0.3	+0.1	+0.3	-0.3	-0.2	+0.3
Central Provinces and Berar	0	-1'3	-2.4	-3.8	2.0	0	-0.1	-1'4
Central India and Gujarat .	-0.8	-1.4	-0.6	-0.5	-0.4	0.8	+0.2	-0.2
Sind and Rajputana	+ 2.8	+2.6	+ 2.0	+3'0	+3'4	+1.8	+0'6	+ 2.4
Madras	0	+1,0	+0.7	+0.6	+ 1.8	+0.8	-1.0	+0.6
Mean for whole of India .	-0.1	-0.1	+0.3	+0.3	+1.0	+0.0	+0.2	+0'4

The mean temperature of the whole country was very nearly normal on each day of the week. The provincial variations show normal temperatures for the week in Burma, Bengal, the North-West Provinces, Bombay, Central India and Gujarat and Madras, lower temperatures than usual in the Central Provinces and higher temperatures in the Punjab, Sind and Rajputana. In the two last named divisions the average temperature was steadily excessive throughout the week, but in all the remaining provinces the mean varied at different times above and below the normal.

Rain.-As mentioned above, heavy rain fell over North-East India at the commencement of the week and the fall was mainly confined to that region, but as the week progressed showery weather extended, so that before the close of the week rain had been experienced in nearly all parts of the country. The weekly rainfall returns show that rain fell daily during the week over Burma and Arakan; that showers scattered throughout the week were received in Assam, while in Bengal there was general rain throughout the first three days of the week and very little thereafter. Similarly in the North-West Provinces there was rain in most districts on the first two days, after which the weather cleared and was fairly fine. In the Punjab the rainfall was mainly confined to the submontane and hill districts, but within those two regions occurred almost daily. Over the west of the Peninsula and the west of the Central Provinces there was very little rain during the first-half of the week, but in the second-half the fall was general and in places moderately heavy. In the centre and east of the Central Provinces and in Central India rain fell daily. In Rajputana there were fair showers, mainly in the last four days of the week. In the east and centre of the Peninsula the weather was fine during the middle of the week, but was showery both at the commencement and close.

The table at the close of the summary shows that during the week rain fell in all the divisions, except Baluchistan and the Jaipur division of the . East Coast (North), but in Sind the average rainfall for the week was only 0'06 inch. The amounts for the different divisions ranged from 6.51 inches in Arakan, 6.40 inches in Tenasserim, 5.28 inches in East Bengal, 5.02 inches in Deltaic Bengal and 4.86 inches in the Surma division of Assam, to 0.20 inch in the South Punjab, 0.11 inch in the West Punjab and 0.20 inch in Kathiawar. Twenty of the rainfall divisions reported excessive rain during the week as compared with thirtythree divisions last week. The area of excessive rain included Upper Burma, Arakan, East Bengal, the Surma and Brahmaputra divisions of Assam, Deltaic Bengal, Chota Nagpur, South Bihar, South Oudh, the east and central divisions of the North-West Provinces, the central, hills and north divisions of the Punjab, the central division of the Central Provinces, the east division of Central India, West Rajputana, the central and south-central divisions of Madras and the south division of the East Coast. The excess was more than 2 inches in the case of East and Deltaic Bengal and 1 inch in the case of the Punjab hills and the south of the East Coast. In all the other divisions the week's rainfall was lighter than usual, the principal cases of deficiency being 4'02 inches in the Assam Hills, 2'70 inches in the Bengal Hills, 2'71 inches in Coorg and over 1 inch in the case of Deltaic Burma, North Bengal, Orissa, North Bihar, the submontane divisions of the North-West Provinces, the hills of the North-West Provinces, the south-east division of the Punjab, Malabar, the Konkan, Berar, the east of the Central Provinces, and the Jaipur division of the East Coast.

For the whole period of the monsoon up to date the rainfall has been excessive by 20 per cent. or more in the Oudh divisions, in the east, east-submontane and central divisions of the North-West Provinces and the North Punjab, and in defect by 20 per cent. or more in Upper Burma, the Assam Hills, the South-East, South and West Punjab, South-Central Madras, Coorg, Mysore, Kathiawar, Baluchistan, Rajputana, East and Central India West, West Rajputana, Madras (Central) and Madras (South). In all the remaining divisions the rainfall up to date has been approximately normal.

The following are the principal totals recorded during the week:

Burma			٠	Moulmein .			0	6.40	inches.
			4	Maungdaw, Akyab				9.42	11
Assam				Tezpur	•			11.62	3)
Bengal	. 1	2.		Tippera	- a	٠		9.05	12
				Madareepore, Farid	pur			11'49	32
Bihar .				Patna				4'92	33
NW. P.				Mahaban, Hamirpur				9.21	29
Punjab		٠		Gurdaspur .		٠		5.14	21
				Kangra	0			11.10	32
West Coast				Mangaon, Colaba				8.77	**
				Bavda, Kolhapur		4		10.85	,33
Central distr	ricts			Jubbulpore .			4	7.12	9)
				Sutna	-		٠	7.08	9.7
Madras .	•			Cocanada .				5.13	93
				Vallam		•		5'92	99

			DATA FOR WE		RAINFALL SEI	RAINFALL DATA FROM MAY 1978 TO SEPTAMBER 3RD, 1898.				
PROVINCE.	DIVISION.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect in inches.	Average actual rainfall of teason to date.	Average nor- mal rainfall, May suth to September 3rd,	Excess or defect of (seasonal) rain- fall expresses as a per- centage.			
•		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.			
SURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	6'40 3'45 1'70 2'27 6'51	7°35 4°94 2°47 1°73 6°13	- 0'95 - 1'49 - 0'77 + 0'54 + 0'38	138°31 74°07 39°02 21°38 153°50	131'74 66'80 41'94 31'74 141'51	+ 5 + 11 - 7 - 33 + 8			
BENGAL AND ASSAM	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	5'28 4'86 1'46 3'04 5'02 2'27 3'45 2'18 0'63 2'48 2'24 0'96	2'97 3'90 5'48 2'93 2'03 2'52 4'58 4'88 2'01 2'31 2'16	+ 2'31 + 0'96 - 4'02 + 0'11 + 2'99 - 0'25 - 1'13 - 2'70 - 1'38 + 0'17 + 0'08	65'39 62'68 74'76 48'04 38'62 39'77 57'01 81'97 31'87 40'64 35'72 29'97	58'99 63'34 94 04 47'21 36'63 36'17 62'50 93'80 33'69 35'98 29'92 33'59	+ III - II - 21 + 2 + 5 - 13 - 13 + 19 - 11			
NORTH-WESTERN PROVINCES AND OUDE.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	2°73 2°66 1°63 2°82 1°53 1°34 1°95 1°49	2'08 2'41 2'47 2'21 1'81 2'43 2'96 2'70	+ 0.65 + 0.25 - 0.84 + 0.61 - 0.28 - 1.09 - 1.01 - 1.21	38'29 36'84 39'82 33'31 16'98 39'98 29 65 35'77	27'38 26'10 28'06 25'37 19'31 20'21 32'02 33'23	+ 40 + 41 + 42 + 31 - 12 + 37 - 7 + 8			
Punjab {	26. South-East Punjab	0'41 0'20 0'90 1'38 4'06 0'87 0'11	1'45 0'81 0'72 1'38 3'00 0'84 0'36	- 1'04 - 0'61 .+ 0'18 0 + 1'06 + 0'03 - 0'25	11'79 7'91 11'71 18'80 49'11 12'16 3'63	16'49 10'86 11'71 19'52 48 80 10'17 5'20	- 20 - 27 - 4 + 1 + 20 - 30			
SOMBAY AND MALABAR, COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central. 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	2°15 1°58 2°75 0°99 3°15 0°94	3°50 1°27 5°46 1°25 4°36 1°14	- 1'35 + 0'31 - 2'71 - 0'26 - 1'21 - 0'20	74'46 11'62 65'38 12'44 99'34 21'09	86·56 17·18 96·58 18·41 95·99 18·44	- 14 - 32 - 32 + 34 + 14			
CENTRAL PROVINCES AND BERAR.	41. Berar	0.89 1.17 3.2 0.97	1.89 2.14 2.65 2.35	- 1'00 - 0'97 - 0'87 - 1'38	21.68 32.80 47.28 38.53	26·8 ₃ 29·55 40·28 37·43	- 19 + 11 + 17 + 3			
BOMBAY (NORTH) .	45. Gujarat	0'74 0'20 0'06	0.02 0.83 0.31	- 0.26 - 0.12 - 0.02	35.26 9.25 3.63 0.52		+ 3 - 41 - 19 - 74			
RAJPUTANA AND CRN-S	49. Central India East 50. Rajputana East, Central India West. 51. West Rajputana	3.70	1.02	+ 1.74 - 0.75 + 0.13	34'96 14'76 6'01		+ 18 - 34 - 39			
MADRAS	51. West Rapputana 52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	0	0'92 1'85 1'84 1'12 1'13 1'31 1'26	- 0'87 - 1'84 - 0'43 + 0'34 - 0'45 + 1'21	21'33 24'25 10'01 8'11 10'42 9'64	18:20 39:76 16:14 11:07 11:46 10:78	+ 18 - 40 - 1 - 27 - 9 - 11 - 30			

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS, Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 3rd September.—The rainfall was good almost throughout the Deccan, the Carnatic, Central and Southern districts; moderate on the West Coast and southern part of the Circars, and light elsewhere. Since the close of the week further good falls are reported from the Deccan and Central districts and southern part of the Carnatic. The water-supply is improved, except in the extreme south. Ploughing and sowing are proceeding actively where rain has fallen. The standing crops are improving generally, but need rain urgently in parts of the Circars, of the Southern and of the West Coast districts, and more rain is wanted generally elsewhere. The early harvest is continuing with a moderate yield. Pasture is improving, but fodder is scarce and dear. The condition of cattle is fair. Prices are rather easier in the Circars and the Deccan; slightly dearer in the Carnatic and in parts of the Central and of Southern districts; elsewhere they are stationary or cheaper. The numbers on relief in Nellore were:—workers—126 men, 122 women, 40 children. Dependants—fed at kitchens—3 men, 4 women, 22 children. Grand total 317. Loans disbursed during the week Rs. 694.

Bombay.—For week ending 7th September.—There was rain in all districts of the Presidency Proper and in three of Sind during the week. The fall was generally moderate or slight, and has been beneficial to the crops in parts of Sholapur, Bijapur, and Dharwar. More rain is urgently wanted throughout the Deccan, Karnatak, and Kathiawar, and in parts of Gujarat, Konkan, and Sind. The standing crops are withering in parts of seven districts; they have been damaged by locusts in four talukas of Belgaum and one of Surat; and by excessive rain in one of the Panch Mahals. Preparations for the late crops are progressing in five districts, but sowing is retarded in parts of the Karnatak. Fodder is sufficient, except in parts of Karachi and Hyderabad. Agricultural stock is healthy. Prices have risen in four and fallen in four districts. The price of jowars in Sholapur was—15½ seers per rupee. The average number of relief workers in Sholapur was—14,612, of whom 4,461 are men, 8,287 women, and 1,864 children. On gratuitous relief—Sholapur—5,432, of whom 2,118 are men, 2,265 women, and 1,049 children.

Bengal.—For week ending 5th September.—There was good general rain during the week, except in parts of North Bihar and Orissa, where more rain is required for the transplantation of the winter rice. Elsewhere transplantation is almost at an end and the young plants are thriving well. The prospects of the autumn crops are generally favourable. Some damage has been done to these crops by floods in low lands in places in Patna, Muzuffarpur, Monghyr, and the Sonthal Parganas. Locusts are reported to have damaged the paddy crops in some places in Cuttack and grass-hoppers are still doing damage in Midnapore. Rice, jute and other early autumn crops are being harvested. The price of common rice has fallen in some districts where the new rice crop has come into the market.

North-Western Provinces and Oudh.—For week ending 7th September.—The rainfall has been general during the week. A break is needed in some of the Central and Southern districts where crops are reported to be slightly damaged on lowlying lands by the long continued rain; otherwise standing crops are in good condition. Weeding, transplanting, and reaping of the early autumn crops continue. Ploughing and preparation of fields for the spring crops are in active progress. Markets are well supplied; fodder is abundant; and prices are generally stationary or have a falling tendency.

Punjab .- For week ending 7th September .- Rain has fallen in all districts, except Peshawar and Dera Ismail Khan, varying from 1 of an inch to 4 inches. The irrigation of autumn crops is going on and ploughings for spring crops continue. The condition of the standing crops is generally reported good; it is average in three and bad in two tahsils of Dera Ismail Khan. The recent rain has benefited the crops, but more is wanted in some districts. The prospects of has benefited the crops, but more is wanted in some districts. The prospects of autumn crops are said to be good to average. Locusts appeared in parts of Lahore, but did no damage. Cattle are generally in good condition. Fodder is sufficient in all districts, except in parts of Dera Ismail Khan. Prices are rising in Dera Ismail Khan; falling in Umballa, Jullundur, Multan, Lahore, Sielket Rawalnindi, and Peshawar; and are unchanged elsewhere. Wheat is Sialkot, Rawalpindi, and Peshawar; and are unchanged elsewhere. Wheat is selling from 15 to 20\frac{3}{4}, gram 19 to 22, barley 28 to 30, bulrush-millet 16 to 24, maize 18 to 30, great-millet 20, and rice 10\frac{1}{2} to 11\frac{1}{2} seers per rupee.

Central Provinces.—For week ending 6th September.—The weather was generally showery, but clear weather has alternated with the showers in Saugor, Jubbulpore, Hoshangabad, and Nagpur. The standing crops in Hoshangabad have been much benefited by the break, but in Saugor and Jubbulpore the breaks are far too short to benefit the crops and to admit of ploughing for winter sowings. More rain is wanted in Wardha and Sambalpur for the rice crops. Some damage by insects is reported from parts of Wardha and Balaghat; the standing crops are otherwise in a flourishing state. Weeding continues in five districts and is nearly completed in two. Transplantation of rice is approaching completion in Nagpur, Chanda, and Bhandara, and has been completed in Balaghat. The early millets are being reaped in Chhindwara. Land is being prepared for winter sowings in Narsinghpur, Nimar, Wardha, and Bhandara. Prices of wheat, gram, and juar fluctuate within narrow limits; that of rice has fallen in four districts. The cheapest prices are—wheat 18, gram 32, rice 17, and juar 25 seers per

Burma. - For week ending 3rd. September. - In Lower Burma sowing and transplanting are approaching completion or are completed in nearly all districts. General prospects are good, but Prome is somewhat backwards on account of deficient rainfall in parts. In Upper Burma the early upland crops are still being reaped in several districts, including the dry districts of Meiktila, Myingyan, and Yamethin. The crops now standing are generally healthy. More rain is wanted in parts of Thayetmyo, Pakôkku, and the Ruby Mines district, but elsewhere rain has been abundant in this and the previous weeks. The conditions are in general favourable for the ploughing and sowing of the main crop. The price of paddy has fallen slightly in Rangoon, Tharrawaddy, and Mandalay; and considerably in Thatôn; and has risen slightly in Prome; elsewhere it is stationary.

Assam.—For week ending 6th September.—There was heavy rain in Darrang and Lakhimpur during the week. Harvesting of early and transplanting of late rice are in progress. The rice crop has been damaged by floods in parts of Cachar and by insects in parts of Lakhimpur. The cutting of jute continues in Goalpara and prospects are good. Sugarcane promises well. The prospects of tea are generally good. Fodder is scarce in Cachar, Sibsagar, and in parts of Sylhet and Darrang. Prices—common rice—Silchar, Sylhet, and Gauhati 11; Dhubri 14; Tezpur 9; Nowgong 8; Sibsagar and Dibrugarh 10 seers per rupee.

Mysore and Coorg. - For week ending 7th September. - Mysore: Rainfall-one inch in the Civil and Military Station and good rain in parts of the Province. Prospects are fair. Prices have slightly risen in Bangalore and Kadur, and have fallen in Kolar and Tumkur. Ragi (Eleusine coracana) has been sown in Tumkur and Chitaldrug.

COORG: Rainfall-2 inches 73 cents. The rain has been beneficial. Transplanting of rice continues. The ragi (Eleusine coracana), coffee, and cardamom crops are maturing. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 7th September.—BERAR: The weather continues cool and cloudy, but very little rain has fallen during the week. The cotton and jowar crops are in excellent condition. Breaking up of land for the winter crop continues, and weeding is in progress. An insufficiency of fodder and water prevails in Chandur and Murtazapur talukas. Prices have fallen in Buldana and Wun; otherwise they are stationary.

HYDERABAD: Rainfall during the week 82 cents. More rain is wanted in the Raichur and Lingsagar districts and in talukas of the Nalgundah district; elsewhere agricultural prospects have been improved by the timely rainfall. The standing autumn crops are in good condition. Rice sowing still continues in parts. Prices of grain are stationary. Prices—wheat 74, coarse rice 8, and jowari 15 seers per current sicca rupee.

Central India.—For week ending 7th September.—Good rain fell in Central India during the week. The fall has been excessive in Baghelkhand, but more rain is required in Malwa. The standing crops are generally in good condition in all Agencies, but have been partially damaged in Bundelkhand, Baghelkhand, and Bhopawar by excessive rain. Agricultural stock and pasturage are in good condition. Prices are slightly rising in Bundelkhand; falling in Bhopawar; and are steady elsewhere.

Rajputana.—For week ending 7th September.—Fair to good rain has fallen throughout Rajputana, and prospects have improved since last week. More rain is, however, wanted in Ajmere-Merwara and in Western Rajputana. The state of the crops is generally good, though slight damage has been caused by insects, by the want of rain, and by locusts in Kerowlee, Ulwar, and Jaisalmere, respectively. Cattle are generally in good condition and fodder is sufficient at present, but is scarce in Meywar and Marwar, and Haraoti, Ajmere, and the Western Rujputana States still give anxiety in this respect. Prices are falling in three States, rising in two, and are steady elsewhere.

Kashmir.—For week ending 6th September.—The weather is fine. The standing autumn crops are in good condition. Prices continue below normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 7th September.—There was good rain during the week. The condition of the standing crops is fair. Fodder is sufficient. Prices are falling. Prices—wheat 17 and maize 20 seers per rupee.

Nepal.—For week ending 3rd September.—Rainfall 3.72 inches. Crops are very promising. Rice—818 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

		٠	PR	ECEDING WEE	K.	P	RESENT WEEK		Increase
NAME (OF PROVINCE.		Relief works.	Gratuitous relief.	TOTAL.	Relief works.	Gratuitous relief.	TOTAL.	or decrease.
Madras Bombay	• •		376 13,995	5,401	400	288	29 5,432	317	- 8 ₃ + 6 ₄ 8
	TOTAL		14,371	5,425	19,796	14,900	5,461	20,361	+ 565

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

ors.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and ser Summary in the Gasette of India.

on-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons ously relieved in poor-houses or at their homes.

Name of Province and		e week			R WBEK		FOR TH	H AUGU	ENDING ST 1898.	FOR TH	e wrek i Septeme	ENDING DER 1898.
District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.
Madras.	544	29	573	496	28	524	365	24	389	376	24	400
TOTAL MADRAS .	544	29	57 3	496	28	524	365	24	389	376	24	400
Bombay.	13,914	5,435	19,349	14,074	5,341	19,415	14,074	5,158	19,232	13,995	5,401	19,396
Poona	2,351	**1	2,351	2,172	• • •	2,172	1,605	***	1,605	1,661	•••	1,661
TOTAL BOMBAY .	16,265	5,435	21,700	16,246	5,341	21,587	15,679	5,158	20,837	15,656	5,401	21,057
GRAND TOTAL FOR ALL PROVINCES.	16,809	5,464	22,273	16,742	5,369	22,111	16,044	5,182	21,226	16,032	5,425	21,457

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, ally show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

> T. W. HOLDERNESS, Secretary to the Government of India.

Dated 9th September, 1898.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JULY TO 281

AUGUST 1897, AND FROM 1ST JULY TO 27TH AUGUST 1898.

N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

Average Week ending 28th | Week ending 27th |

		Average earnings per mile	A A	CK ENDING 2 LUGUST 1897			K ENDING 2 UGUST 1898		Earnings	Earnings		
	RAILWAY.	per week	k	Earnin		Mann	Earnin	igs.	from let July to	from 1st July to	Іпстевне.	Dans
		the 2nd- half of 1897.	Moan mileago worked.		Per mile open.	Mean mileage worked.		Per mile	28th August 1897.	t 27th Angust 1898.		Dickin
	State Lines worked by companies.	Rs.	Miles.	Rs.	R.s.	Miles.	Rs.	Rs.	Rs.	Rs.	Re.	Re
~	East Indian Bongal Contral	629 210	1,737	9,51,551 24,055	548 192	1,740		529 105	85,39,511 1,51,451	82,70,000 1,28,000		# 2.6cm
	Bengal-Nágpur Indian Midland (including Bhopal-Itársi)	116		85,715 1,11,518	99	962	76,000 84,700	79	7,31,877 9,30,316	6,63,000	***	Bit is
	Bozwada Extn. (East Coast State)	150 133	21	2,587 1,712	123 190	21	2,300	110	27,842	23,600	9.000	2.30 h
15	Rajputana-Malwa (inoldg. GRNagda). Palanpur-Deesa	196 41	1,815	2,90,599 379	160 22		3,02,000 500	166 29	27,14,107 4,151	27,42,000 4,500	27,893	191
	South Indian Mayavaram-Mutupet	168 95	1,042	1,70,889 4,811	164 89	1,842	1,61,000 4,500	155 83	14,46,737 43,255	18,08,000		1,377
	Southern Mahratta (including Guntakal- Mysore Frontier section)	110	1,165	1,55,890	134		85,600	73	13,44,149	8,51,000	1	4,00 14
	Mysore section (Southern Mahratta) . Bongal and North-Western (including	127	296	45,912	155		24,100	81	3,58,020	2,25,000		1,33,5
	Tirhoot section)	126 67	815 200	94,752 9,635	104	924 200	95,000 12,600	103	8,44,277 89,392		1,39,723 21,608	
	Assain-Bongal	69 153	238 888	17,283 1,09,700	73 124	293 936	18,800 1,39,000	64 149	91,875 9,89,525	1,85,000 11,60,000	93,125 1,70,475	
	State Lines worked by the State.	220	10,036	20,66,988	206	10,390	19,40,700	117	1,83,15,147	1,74,00,200		9.17
8	North Western (a) Oudh and Kobilkhand (including the	· 243	2,885	6,37,422	221	2,885	5,29,000	183	50,26,869	48,52,000	***	1.74,8
	metre gauce link) Eastern Bengal (incldg. metre & 2' 6")	177 411	875 817	1,21,574 3,45,040	189 422	1,013	1,41,000 2,81,000	139 344	11,17,259 19,77,888	12,90,000 18,71,000	1,72,741	1,674
8	East Const Special gauges— Jorhát	104	538	85,562	159	508	48,300	90	5,11,569	3,47,000	***	1,6,1
	Cherra-Companyganj	67	25	2,200	88	25	2,700 (h)	108	16,080	18,900 (b)	2,820	p.,
8	Lines worked by guaranteed cos.	243	5,140	11,91,798	232	5,279	10,02,000	190	86,49,665	83,78,900	***	2,70%
A.	Great Indian Peninania (c)	328 507	1,491 461	4,93,919 1,94,828	301 423	1,491	4,01,000 1,77,000	269 384	37,69,326 18,32,802	34,70,000 17,49,000	.,.	2,99 3
	Madras 'Total.	260	7 810 2.792	2,68,350	= 319 343	540	2,29,000	278	19,77,260	18,01,000	***	1,74 %
	TOTAL (GDARANTEED AND STATE) Assisted companies.	250	Company of the last of the las	42,15,883	235	18,470	8,07,000	200	75,79,888 3,45,45,200	70,20,000 3,27,90,100	***	3.09 A
S	Standard gauge—	919	100	97 641	agg	3.00	00,000	*40	2.40.240	* 00.000		74
	Tarkessur Southern Panjab (Dolhi-Samásata)	212 232 35	160 22	37,641 3,566	235 162	162 22 400	22,000 3,500 27,400	140 159 68	2,40,340 41,485	1,86,000 88,100 2,28,000	2,28,000	54.4 6.1
110	Robilkhand and Kumaon (Co.'s sec.)	126	66	7,397	112	66	4,500	68	59,551	59,000		- 5
1	Bengal Dooars Dibru-Sadiya Ahmedabad-Parintij	184	36 78	6,639 16,202	184 208	36 78	8,400 22,500	233 288	48,449 1,24,169	52,300 1,48,000	3,851 23,831	200 201
8	pecial gauges—	900	41	1,585	380	55	2,400	44	15,991	17,500	1,509	j
	Bársi	300	51 21	19,820 2.015	389	51 21	15,000 1,500	294	1,80,496 15,121	1,15,000 9,800	***	15.4
L	ines owned by native states and	156	475	94,865	200	891	1,07,800	121	6,75,602	8,53,700	1,78,098	111
81	worked by other agencies.	91	74	000	7.0		1.000	10	2.020			
	Bhopal-Ujjain	21 52 42	74 114	893 3,458	30 28	74 114	1,200 8,600	16 75	9,637 87,547	13.900 63,860	4,263	910
	The Nizom's guaranteed state The Gackwar's Petlad	213 86	334 12	989 61,075	183	35 334	1,000	20 207	10,628 5,50,397	13,800 5,43,000	3,172	# 47
	Rájpura-Bhátinda Kolar Gold-fiolds	100 423	13 108	11,779 5 816	100	13 108	10,700	99	8,216 80,445	7,500 98,400	3,955	11
M	letre gauge— Yesvantpur-Mysore Frontier section (in-	920	10	5,816	532	10	3,400	340	34,229	32,500	5	-
	oluding Mysore-Nanjangud). The Gackwar's Mehsana	93 64	66 93	7,950 3,846	120 41	66	3,800	58	64,691	35,900	712	23.
3	Kolhápur	49	29	1,782	61	93	4,500 1,000	48 34	39,888 17,026	40,600 10,400	712	6.
	The Gackwar's Dabhoi . Rajpipla	43 12	79 19	9,563 • 290	45 15	79	2,800 100	35	27,977	27,300	804	
	Cooch Behar	115	2:3	1,173	501	19	900	41	1,932 3,658	1,390 6,600	2,942	5,3
N	Lines owned & worked by n. states.	110	996	1,02,984	103	996	1,07,600	108	8,95,271	8,90,000	•••	
	Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Etijkot	83 81	334 46	26,443 3,991	79	334	18,300	55	1,89,891	1,56,000	164	33.
	Jámnagar . Dhrángádrá	89	51	3,562	70	46 54	2,700 1,700	59 31	27,625 18,187	23,000 14,000	6,600	ş,
	Jodhpore-Bickaneer Ordevnere-Chiter	57 39	364 60	18,131	30 49	405 405	23,800 23,800	29 59	1,66,025	6,600 1,80,000	13,975	945
Sp	pecial gauge— Morvi	92	94	2,585	48	60	2,100	35	18,174	21,400	3,226	0
	GRAND TOTAL	69	949	61,076	04	1,014	55,100 55,100	54	51,115 4,70,517	48,300	050	21,
-	GRAND IVIAL	232	20,388 4	44,74,808	219	21,371	40,20,200	188		8,49,92,100		15,94,
									-			

 ⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli
 (b) Closed for traffic.

W. J. McELHINNY, Capt., R.E., Offg. Under Secretary.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khange and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XX or 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, audited figures have been used, as far as possible.

	Average	Ατ	ENDING 2 GUST 1897		WEEK	ENDING S GUST 1898.	27тн	Earnings	Earnings		
RAILWAY.	per mile		Earnin			Earning	gu.	from 1st April to	from 1st April to	Incress	Decrease.
	per week in 1897-98.	Mean mileage worked,		Per mile open.	Mean mileage worked.	TOTAL.	Per mile open.	28th August 1897.	27th August 1898.	Increase.	Deci 0430.
State lines worked by companies.	Re.	Milen,	Re.	Rs.	Miles.	Re.	Rs.	Ra.	Rs.	Rs.	Re.
East Indian Bengal Central . Bengal-N egpur Indian Midland (including Bhopal-Itarsi) Buzwida Extn. (East Coast State) Madras annar soo. (Bezwada-Mad.)	654 183 139 155 155 135	1,737 125 862 752 21 9	9,51,551 24,055 85,715 1,11,518 2,587 1,712	548 192 99 148 123 190	1,740 125 962 800 21 9	9,21,000 18,100 76,000 84,700 2,300 500	529 105 79 106 110 56	2,34,10,292 3,76,527 23,88,802 25,58,746 62,466 26,049	2,38,08,000 3,85,000 28,23,000 25,03,000 76,500 18,690	3 97,708 8,473 4,84,198 14,034	35,746 7,449
eire gauge— Rajputana-Malwa (inoldg. GRNágdá) Pálanpur-Deesa South Indian Máyavaram-Mutupet Southern Mahratta (inoluding Guntakal-	210 44 166 92	1,815 17 1,042 54	2,90,599 879 1,70,889 4,811	160 22 164 89	1,615 17 1,042 54	3,02,000 500 1,61.000 4,500	166 29 155 83	78,94,125 18,278 38,96,940 1,14,316	97,32,000 14,500 36,38,000 1,06,000	18,37,375	3,778 2,58,940 6,316
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including	113 123	1,165 296	1,55,890 45,912	134 155	1,165 296	85,60 0 24,100	73 81	34,80,454 8,70,670	25,84,000 6,37,000	400	8,96,454 2,33,670
Tirhoof section) Lucknow-Baroilly Assam-Bongal Burms	147 81 73 186	815 200 238 888 10,036	84,752 9,635 17,283 1,09,700 20,66,988	104 48 78 124 206	924 200 293 986 10,399	95,000 12,600 18,800 1,39,000 19,40,700	103 63 64 149	26,84,921 3,51,692 3,85,683 32,48,839 5,17,18,800	28,30,000 4,51,000 5,24,000 33,69,000 5,34,99,600	1,45,079 99,308 1,88,317 1,20,161 17,80,800	000
State lines worked by the State. andard gauge— North Western (a)	236	2,885	6,37,422	221	2,885				1,63,67,000	41,32,014	***
Oudh and Robilkhand Sincluding the metre gauge link). Eastern Bongal (inoldy, metre & 2'6"). East (coast	195 362 106	£75 817 538	1,21,574 3,45,040 85,562	139 422 159	1,013 818 538	5,29,000 1,41,000 2,81,000 48,300	183 189 344 90	37,38,609 45,60,405 12,00,280	41,64,000 49,42,000 12,39,000	6,25,391 81,592	61,280
Jorhat Cherra-Companyganj	69	25	2,200	88	25	2,700 (h)	108	43,325 (c) 2,945	38,800 (d) 1,400	600	4,525 1,545
Lines worked by guaranteed cos.	230	5,140	11,91,798	282	5,279	10,02,000	190	2,18,80,553	2,6 ,52,200	17,71,617	•••
ondard gauge— Great Indian Peninsula (c) Bembay, Baroda and Central India Madras Total	381 586 261 379	1,491 461 840 2,792	4,93,919 1,94,523 2,68,350 9,57,097	831 423 319 343	1,491 461 840 2,702	4,01,000 1,77,000 2,29,000 8,07,000	269 384 273 289	1,12,31,775 64,43,464 49,78,580 2,26,53,769	1,30,38,000 74,89,000 47,06,000 2,61,33,000	27,06,225 10,45,536 34,79,231	2.72.530
TOTAL (GUARANTEED AND STATE) . Assisted companies.	262	17,968	42,15,583	235		37,40,700	203			1,00,31, 67 8	
ndaril gauge	207 278 42	160 22	87,641 3,586	235 162	162 22 400	22,600 3,500 27,400	140 159 68	5,87,939 1,32,891	6,13,000 1,20,000 7,89,000	25,061 7,89,000	2,391
Rohilkhand and Kumaon (Co.'s sec.) Bengal Doonra Dibru-Sadiya Alamedabad-Parantij	121 149 198 45	66 36 78 41	7,397 6,639 16,202 1,585	112 184 208 39	66 36 78 55	4,500 8,400 22,500 2,460	48 233 288 44	1,68,556 1,06,846 3,39,018 (f) $32,382$	2,02,000 1,07,000 3,46,000 69,800	33,444 154 15,982 37,418	0.00
ecial gauges— Darjeeling-Himalayan Bársi . Total	274 125	51 21 475	19,820 2,015 94,865	389 96 200	51 21 891	15,000 1,500 1,07,800	294 71 121	3,20,589 59,414 17,38,135	3,21,000 58,600 26,31,460	411 8,98, 285	5,814
Lines owned by native states and worked by other agencies.					0.71	1,01,000	121	11,110,100		,	
Bina-Goona Bhopal-Fjjain Nagdá-Ujjain The Nizam's Guaranteed State The Gaekwar's Potlad Rájpura-Bhátinda Kolar Jold-fields letre gaugu	26 61 60 211 84 122 402	74 114 35 334 13 108	893 3,458 989 61,075 870 11,779 5,316	12 30 28 183 67 109 532	74 114 35 334 13 108 10	1,200 8,600 1,000 69,000 600 10,700 3,400	16 75 29 207 46 99 340	42,582 1,37,840 50,216 18,99,081 30,348 3,62,982 81,092	43,500 1,79,000 57,100 16,13,000 22,800 2,91,000 84,400	918 41,160 6.884 2,13,919 3,308	7,548 11,982
Ye-va tpur-Mysore Frontier section (in- cluding Mysore-Nanjangud) The Gackwar's Mehsans Kolhapur Perial gauges—	84 71 57	66 98 29	7,950 3,846 1,782	120 41 61	66 93 29	8,800 4,500 1,000	58 48 34	1,39,925 1,47,492 48,527	1,02.000 1,44,000 38,800	540	97,925 3,192 14,727
The Gackwar's Dabhoi Rajpipla Cooch Behar	51 11 54 120	79 19 22 996	3,563 290 1,173 1,02,984	45 15 53	79 19 22	2,800 100 900	35 5 41	1,00,404 1,932 20,994	95,700 4,600 23,100 26,94,000	2,663 2,166 1,90,635	4,704
lette gauge-			1,00,100	100	IRR)	1,07.600	108	25,03,365	20,01,000		100
Bhávnagar Gondal-Junágad-Porbandar Jetalsar Rújkot Jámnagar Dhrángadrá Jodhpore-Bickaneer	97 82 38	384 46 51	26,443 3,991 3,562	79 87 70	334 46 54 21	18,300 2,700 1,700 600	55 59 31 29	7,44,913 81,263 (g) 48,220	8,39,000 76,900 46,400 (h) 8,700	94,087 8,700	4,363 1,520
Oddypore-Chitor pecial gauge Moryi	62 38	964 60 94	18,131 2,585 6,364	50 43 68	405 60 94	23,800 2,100 5,900	59 35 63	5,07,932 50,145 1,60,965	5,13,000 61,400 1,76,000	5,068 11,255 15,685	• • • • • • • • • • • • • • • • • • • •
Total GBAND TOTAL	75	940	61,076	64	1,014 21,371	55,100 40,20,200	54	15,92,838	17,21,400	1.28,562 1,12,44,140	100

⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
(b) Closed for traffic.
(c) From lat April to 15th May 1897.
(d) From lat April to 14th May 1898.

⁽s) Includes the Wardha Coal, the Dhond-Manmad, the Khamgaon, and the Amraoti railways.

(f) From 1st May to 28th August 1897.

(g) From 8th April to 28th August 1897.

(k) From 1st June to 27th August 1898.

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SUPPLEMENT

The Gazette of Endia.

No. 38.}

SIMLA, SATURDAY, SEPTEMBER 17, 1898.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Dabates of the Legislative Council of His Excellency the Governor General will in future be published in Part VI of the Gazette.

Non-Subscribers to the GAZETTE may receive the Supplement separately on a payment of five Rupees per annum if delivered in Calcutta, or eight Rupees if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rupees six per annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette of India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the body of the Gazette must be looked to.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, September 10th, 1898.

During the week under review pressure has been steadily lowest in the extreme north-west of India and steadily highest over Tenasserim and the southeast of the Bay, the difference being generally somewhat greater than usual. On the 6th a small and very shallow depression appeared over the North-West Provinces and remained there during the next day. This slight storm was the only depression which appeared during the week, but quite at the close, the winds around the north-west angle of the Bay indicated that cyclonic conditions were developing over that area. The winds have been light and more northerly than usual along the west coast, but elsewhere the directions have been approximately normal until the close of the week, when, as stated above, the winds assumed cyclonic directions around the north of the Bay. There has been very little rain during the week over the Punjab (except the submontane districts), Rajputana and North Bombay, but in all other parts of the country the weather has been showery to rainy, and at some places the falls have been very heavy for the time of year. The heat has been excessive in the north-west and centre, deficient in the north-east and about normal elsewhere.

Daily Summary. - Sunday, September 4th. - The barometer was highest in the south-east of the Bay and lowest in the Punjab, and pressure differences were greater than usual-more particularly over Rajputana. Calms prevailed along the foot of the hilis in Northern India, and northerly winds along the west coast, but elsewhere the directions were about normal. The heat was less than usual over Burma, Assam, East Bengal and the southern half of the Peninsula and was excessive elsewhere. The largest opposite variations were +6.2° at Jeypore and -7.1° at Mandalay. There had been little or no rain over Lower Bengal, Gujarat, Central India, Sind, Rajputana and the Punjab, but elsewhere showers had been received which were heavy in some places. Monday, September 5th.—There had been no important change in the pressure conditions. The barometer remained highest in Tenasserim and lowest in the Punjab with steep barometric gradients over North Bombay and Rajputana. South-easterly breezes were replacing the calms along the foot of the hills and the winds were more variable along the west coast, but otherwise there had been no important change. The mean temperature was high over the Punjab and Rajputana, low over the North Gangetic Plain, North Bengal, Assam and Burma and about the average in other parts of the country. Showery weather had prevailed, except over North Bombay, Sind, Rajputana and portions of the Central Provinces, the showers having been heavy in parts of the Peninsula.

Tuesday, September 6th.—The barometer had risen in the north-west and the pressure differences were hence smaller, while a small shallow depression had appeared over the Gangetic Plain. These were the only changes of importance. The winds had become irregularly cyclonic over the North-West Provinces, but there had been no other change. The force remained unusually low along the west coast. The largest opposite temperature variations were +4.3° at Dera Ismail Khan and —6.0° at Nowgong. The rainfall distribution was generally similar to that reported on the 5th, but the showers were generally lighter.

Wednesday, September 7th.—Pressure conditions were practically unchanged. North-westerly winds had re-appeared along the west coast, but elsewhere the directions were the same as on the 6th. The monsoon was very light along the west coast. The mean temperature was higher than usual over the greater part of North-Western and Central India and Burma, but was low in other parts of the country, the largest opposite variations being +4.7° at Sirsa and -6.0° at Cawnpore. There had been little or no rain over the central districts, Gujarat, Sind, Rajputana and the Punjab, but elsewhere showers had been received very generally, the amounts being largish in the Peninsula and North Bengal.

Thursday, September 8th.—The barometer had generally risen and the small storm over the North-West Provinces had filled up. The winds were light and variable over the central parts of the country and the head of the Peninsula, but elsewhere blew from about the normal directions. The force was light along the west coast. The mean temperature remained high over the greater part of North-Western and Central India, the north of the Peninsula and the north of the Bay, but was lower than usual elsewhere. At Sirsa the excess compared with the average was 5.5° and at Madras the deficiency was 5.5°. Showery weather continued over the same districts as on the preceding day.

Friday, September 9th.—The barometric changes had been unimportant. The winds blew from about the normal directions, but the force was low over the greater part of the country. The distribution of temperature relatively to the normal was the same as on the 8th, and the principal variations were +6°c° at Sambhar and -7°7° at Darbhanga. Showery weather had continued, except over Gujarat, Central India, Sind, Rajputana and South Madras. The amounts had been heavy over the Bombay Deccan, but had been generally moderate elsewhere.

Saturday, September 1 oth.—Pressure was lowest in Upper Sind and highest in the south-east of the Bay, and the only change of importance was around the north-west of the Bay, where feeble cyclonic conditions were appearing. The wind had shifted to the eastward in Deltaic Bengal and Orissa, but was generally unchanged in other places. The temperature conditions were generally similar to those reported on the 9th, and the principal variations from the normal were $+5.6^{\circ}$ at Ajmere and -7.7° at Bareilly. Only a few light showers had been received over North-West India and the Gangetic Plain, but elsewhere rain had been fairly general. The amounts were largish over Bengal and the Peninsula.

Temperature.—Over the greater part of North-West India, including the Central and South Punjab, Rajputana, Sind and North Bombay, the mean temperature in the absence of rain has been fairly steady and generally excessive,

but in other parts of the country the mean temperature has undergone considerable changes during the week according as the showers have been more or less general.

The following table gives temperature data for the week:

9			Mean					
PROVINCE.	4th	5th	6th	7th	8th	gth	ioth	of week
	0	0	0	0	0	0	0	0
Burma	0.0	1.0	0	+0.8	+0.3	+0.3	+0.6	0
Bengal and Assam	+0'3	-0.8	-1.1	-0.6	-0.7	-0.7	-1.1	-017
North-Western Provinces and	+2.0	-0.0	-4.3	-2.1	-2.3	-2.2	-3'2	-2
Oudh.								
Punjab	+ 2'0	+3'4	-1.2	+1.8	+2'0	+0'7	+2.3	+ 2'0
Bombay	+0.8	+0.1	+0.4	0.8	+0.5	+0.3	-0.3	+0"
Central Provinces and Berar	+1'4	+0.0	-2'I.	+0.9	+2'3	+ 2.5	+1.3	+1'0
Central India and Gujarat .	+1.3	+0.3	-0.0	-0.3	+1.2	+ 3.8	+2.1	+ 1.0
Sind and Rajputana	+2.6	+2'1	+0.0	+1.3	+1.9	+2'7	+3.3	+ 2"
Madras	1.0	+0.1	1.0	-1.6	-3.1	-0.0	+0.2	0.0
Mean for whole of India .	+0'9	+0.2	-0.4	1.0-	+0.3	+c.6	+0.6	+0';

The mean temperature of the whole country for each day of the week and for the whole week was very nearly normal. The provincial variations show that the mean temperature of the week for the Punjab, Sind and Rajputana was about 2° and for the Central Provinces, Central India and Gujarat about 1° higher than usual. In Burma, Bengal, Bombay and Madras the heat was about normal, while in the North-West Provinces it was averaged 2° less than usual.

Rain.—During the week under review the only storm which has affected the weather over India was a very shallow depression which lay over the North-West Provinces on the 6th and 7th. This depression occasioned heavyish rain over the Gangetic Plain, but with this exception there was no cyclonic rainfall over India, and the good rainfall which was recorded over the greater part of the country was attributable to daily moderate to heavy showers. These showers were most frequent and heaviest over the Peninsula and least heavy and least frequent over North-West India, but, as will be seen from the table at the close of the summary, it was only in the extreme north-west that no rain whatever was received. The rainfall returns for the week show that in Burma showers were received at the commencement and end of the week, while the middle days were fairly fine; in Assam there were daily showers; in Bengal the showers were scattered throughout the week, except in North Bengal, where rain fell heavily and daily; in the North-West Provinces in the early part of the week the rainfall was heavy and daily, but the last three days were fairly fine; in the Punjab there were a few scattered showers, mostly in the hill and submontane regions; over the west coast districts and the west of the Central Provinces the rain fell generally at the close of the week, the weather during the first three days having been fairly fine, but over the centre and east of the Central Provinces rain occurred throughout the week; in Rajputana and Central India there were scatterd showers; in the east of the Peninsula there were showers throughout the week in most districts, but in the south the weather on the last three days was fine.

The rainfall table at the close of the week shows that no rain whatever was received in Baluchistan, Sind and West Rajputana and only o'o' inch in Kathiawar, but with these exceptions effective rain was received in all parts of the Indian region. The average actual amounts ranged from 11'45 inches in North Bengal, 10'45 inches in the Bengal Hills, 9'93 inches in the Assam Hills

and o'87 inches in North Bihar, to o'11 inch in the West Punjab, o'12 inch in the South Punjab, o'20 inch in Gujarat and o'42 inch in the Central Punjab. The third column of the table shows that the actual average rainfall exceeded the normal average in thirty-two of the rainfall divisions as compared with only twenty divisions last week. The area of excessive rainfall included the following divisions, viz., Central Burma, Arakan, all the Assam divisions, Central and North Bengal, the Bengal Hills, both the Bihar divisions all the North-West Provinces divisions, the North Punjab, Malabar, Coorg, Mysore, the Konkan, the Bombay Deccan, Khandesh, the central division of the Central Provinces, the north, central and south divisions of the east coast, Hyderabad (South) and Central and South-Central Madras. The most marked cases of excess were 7.29 inches in North Bihar, 6.56 inches in North Bengal, 4.71 inches in the Bengal Hills, over 3 inches in the Assam Hills and the east submontane division of the North-West Provinces and over 2 inches in South Bihar, the east of the North-West Provinces, North Oudh, the centre and west of the North-West Provinces, the Konkan, the south division of Hyderabad and the east coast and south division of Madras. In all the rainfall divisions, other than the thirty-two mentioned above, the rainfall has been deficient, the principal cases of deficiency being 4.51 inches in Tenasserim, 3.13 inches in Gujarat and 2.12 inches in East Bengal.

For the whole monsoon period from May 29th to September 10th the total monsoon rainfall has been excessive in eight divisions, defective in fourteen divisions and normal over the remaining part of the country. The principal deficiency has occurred over Baluchistan, North Bombay, Rajputana and the South and South-East Punjab and the principal excess over the North-West Provinces. A certain amount of doubt attaches to the returns of 52-A, as it is uncertain whether the weekly telegrams are received regularly.

			DATA FOR WE		RAINFALL	DATA FROM M	AY \$978 TO 1898.
PROVINCE,	DIVISION.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect in inches.	Average actual raintall of season to date.	Average nor- nual rainfall, May 22th to September roth,	
· le,		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	3'39 2'15 2'09 1'72 5'49	7'90 3'40 1'87 1'88 5'22	- 4.51 - 1.25 + 0.22 - 0.16 + 0.27	141'70 76'22 39'47 23 10 158'99	139'64 70'19 38 95 33'62 146'73	+ I + 9 + I - 3I + 8
SENGAL AND ASSAM .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Bengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	2.14 5.60 9.93 4.44 1.30 3.34 11.45 10.45 0.74 1.50 4.51 9.87	4.26 5.45 6.35 2.85 2.72 2.96 4.89 5.74 2.40 2.15 2.60	- 2'12 + 0'15 + 3'58 + 1'59 - 1 42 + 0 38 + 6 56 + 4'71 - 1'75 - 0'90 + 2'39 + 7'29	67.53 73.72 84.69 52.48 39.92 43.12 68.40 92.42 32.61 42.15 40.61 39.85	63°25 81°84 101 05 50 06 39°35 30°13 07°38 90°54 36°19 38°38 32°01 36°20	+ 7 - 10 - 16 + 5 + 1 + 10 + 2 - 7 - 10 + 10 + 27 + 10
NORTH-WESTERN PROVINCES AND OUDH.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	4'53 2'71 4'65 3'73 4'22 5'63 4'16 3'38	1.80 1.66 1.83 1.50 1.42 1.92 2.17 1.68	+ 2.64 + 1.05 + 2.82 + 2.80 + 3.71 + 1.90 + 1.70	42.82 39.55 44.47 37.04 21.20 45.61 33.82 39.15	29'27 27'77 20'89 26'87 20'73 31'13 34 19 34'91	+ 46 + 42 + 40 + 38 + 2 + 47 - 1
Punjab	26. South-East Punjab	0'59 0'12 0'42 1'37 2'68 1'11	1.30 0.90 0.86 1.50 2.78 0.56	- 0'71 - 087 - 0'44 - 0'22 - 0'10 + 0'55 - 0'22	12:28 8 03 12:13 20 69 51:78 13:27 3 74	17.79 11.85 12.56 21.90 51.58 10.73 5.54	- 33 - 33 - 4 - 33
BOMBAY AND MALABAR, COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Decean 39. Hyderabad North 40. Khandesh	4'04 2'78 3'37 2'59 6' 9 2'82	2'47 1'58 2'94 1'39 4'12 0'99	+ 1'57 + 1'20 + 0'43 + 1'20 + 2'27 + 1'83	78:50 14:40 68:75 15:02 105:73 23:91	89'03 18 76 99 52 19 80 100'10 19 43 	- 12 - 23 - 34 + 6 + 23
CENTRAL PROVINCES S	41. Berar	1'12 0'99 2'74 2'35	1.60 2.75 2.57 2.38	- 0'57 - 1'76 + 0'17 - 0'03	22.80 33.70 50.01 40.88	28:51 32:30 42:85 39:81	- 20 + 5 + 17 + 3
Bombay (North) .	45. Gujarat 46. Kathiawar 47. Sind 48. Baluchistan Hills	0'20 0'01 0	3'33 1'74 0'22 0'01	- 3'13 - 1'73 - 0'22 - 0'01	35:46 9:26 3.63 0:52	37'70 17 31 4'69 2'04	- 47 - 47 - 23 - 75
RADICTANA AND CEN-S	49. Central India East 50. Rajputana East, Central India West. 51. West Rajputana	1°19 0'53	1.89 2.01	- 0.70 - 1.48 - 0.75	36·15 15 29 6 01	31 40 24 36 10 58	+ 19 - 33 - 43
Madrae	52. Rast Coast North 53-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	2'44 0 3'21 3'37 2 48 3 63 0'61	1 74 2'92 1'12 1'82 1'27 1 45 0'68	+ 0.70 - 2.92 + 2.09 + 1.55 + 1.21 + 2.18 - 0.07	23'77 25'55 19'22 11'48 12'96 13'27 3 89	19'93 42 67 17 25 12 89 12'72 12'23 5'30	+ 10 - 40 + 11 + 11 + 21

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 10th September.—The rainfall was good or heavy almost throughout the Presidency, except in parts of the Southern districts, where it was light. The water-supply is now generally fair throughout, though deficient in parts of the Circars and of the Southern districts. In the former area subsequent heavy rain has improved the supply. Ploughing and sowing are proceeding actively after the recent rain. The standing crops are generally fair and have been much revived by the late rain. The harvest of the early crop is yielding moderately. Pasturage is improving, but fodder is scarce in many places. The condition of cattle is generally fair. Prices are falling generally, except in Ganjam, near Madras, and in the extreme south, where they have risen slightly. The recent heavy rainfall has greatly improved prospects, though more is still wanted in parts. The numbers on relief in Nellore were:—workers—133 men, 122 women, 69 children. Dependants—fed at kitchens—3 men, 6 women, 24 children. Grand total 357. Loans disbursed during the week Rs. 849.

Bombay.—For week ending 14th September.—The rainfall was good and beneficial to the standing crops throughout the Presidency Proper and was slight in two districts of Sind. More rain is wanted in parts of six districts. The crops have been damaged by rats or insects or are suffering from deficiency of water in parts of Sind; they have also been injured by locusts in three talukas of Belgaum and are withering in parts of Baroda territory. The reaping of the early crops have commenced in Ratnagiri. Sowing of late crops is progressing in ten districts. Fodder is sufficient, except in parts of Karachi and Hyderabad. Agricultural stock is healthy. Prices have fallen in six and have risen in four districts. The price of jowars in Sholapur was—16½ seers per rupee. The average number of relief workers in Sholapur was—16½ seers per rupee. The average number of relief workers in Sholapur was—14,709, of whom 4,447 are men, 8,437 women, and 1,825 children. On gratuitous relief—Sholapur—5,605, of whom 2,168 are men, 2,365 women, and 1,072 children.

Bengal.—For week ending 12th September.—There was heavy rainfall during the week in the north of the Province, especially in North Bihar; elsewhere the fall was more moderate. In Orissa more rain is still required. The exceptionally heavy rain in Champaran has caused high floods and loss of crops, cattle and property is reported. In Muzuffarpur also floods have done considerable damage to the crops. Reports from all other districts are favourable. The transplantation of winter rice is almost over and the harvesting of the autumn crops is proceeding. Prices have risen in Champaran owing to the floods, but in other districts no important change has taken place since last week. Supply of fodder is sufficient everywhere.

North-Western Provinces and Oudh.—For week ending 14th September.—The rainfall was general during the week. Slight damage is reported from floods in some districts; otherwise the condition of the standing crops is good. Harvesting of early autumn crops and rice continue. Sugarcane is doing well and indigo is being cut and sent to the factories. Preparations for the spring sowings continue. Prospects are good and supplies and fodder are sufficient. Prices are fairly stationary.

Punjab.—For week ending 14th September.—Rain ranging from 2½ inches to 10 of an inch has fallen in Delhi, Umballa, Amritsar, Sialkot, and Rawalpindi, and a slight fall is also reported from Jullundur and Peshawar. The harvesting

of rice has commenced in Amritsar. The irrigation of the standing crops is going on and the weeding of maize and ploughings and sowings of spring crops have also commenced. The condition and prospects of the standing crops are generally reported good, but are only average in Rawalpindi. The condition of the crops is indifferent in three tabsils of the Dera Ismail Khan district, and they are almost a failure in one tabsil. The crops on dry land are generally withering from want of rain, which is badly wanted in most districts. Young locusts appeared in parts of Umballa, but have been destroyed. Cattle are generally in good condition. Fodder is sufficient in all districts, except Dera Ismail Khan. Prices are rising slightly in Jullundur and Sialkot; falling in Rawalpindi and Peshawar; and are stationary elsewhere. Wheat is selling from 15 to $20\frac{1}{2}$, gram 19 to 22, barley 28 to 30, bulrush-millet 16 to 25, maize 18 to 30, great-millet 20, and rice $10\frac{1}{2}$ to $11\frac{1}{2}$ seers per rupee.

Central Provinces.—For week ending 13th September.—The weather has been alternately cloudy and clear, with heavy showers in Damoh and Nagpur and moderate to light showers in the other districts. The short breaks have improved the standing crops somewhat, but more clear weather would be beneficial to the crops in the Northern districts and in Chanda. In Jubbulpore the damage to crops on black soil is estimated at 30 per cent. The early millets are being harvested in Seoni, Betul, and Chhindwara. The prospects of standing crops continue generally good on the whole, but insects are doing some damage to crops within a limited area in Sambalpur. Transplantation of rice has been completed in Nagpur, Chanda and Bhandara. Weeding continues in four districts and is approaching completion in three. Ploughing and preparation of fields for winter sowings are in progress in ten districts. The operations in Saugor are much behind hand. Prices are generally steady with slight fluctuations. The cheapest prices are—wheat 18, gram 32, rice 20, and juar 25 seers per rupee. In Hoshaugabad and Balaghat wheat is selling under 12 seers per rupee, and in Narsinghpur and Betul rice is selling under 10 seers per rupee.

Burma.—For week ending 10th September.—In Lower Burma transplanting is progressing. Operations are backward in Prome on account of insufficient rain. The crops in part of Tourgoo are flooded. General prospects are good. In Upper Burma the early crops are still being reaped in several districts. Ploughing and sowings for the main crop continue in most districts under favourable conditions. More rain is required in parts of Thayetmyo and Pakôkku, and floods have done some damage in Kyaukse and Yamethin. The rainfall returns show a good fall of rain in all places, except Minbu, Magwe and Thayetmyo. The price of paddy has risen slightly in Rangoon and Mandalay, and has fallen slightly in Prome and Tavoy; elsewhere it is stationary.

Assam.—For week ending 13th September.—There was heavy rain in Goalpara, Lakhimpur, and the Garo Hills during the week. Harvesting of early and transplanting of late rice continue. The rice crop has been damaged by floods in parts of Cachar and by floods and insects in parts of Lakhimpur. The cutting of jute continues in Goalpara and its condition is good. The prospects of sugarcane are generally good and of tea fair. Fodder is scarce in Cachar and in parts of Sylhet and Darrang. Prices—common rice—Silchar 11 to 11½; Sylhet 13; Dhubri 12; Gauhati and Dibrugarh 11; Tezpur 9; Nowgong 8; and Sibsagar 10 seers per rupee.

Mysore and Coorg.—For week ending 14th September.—Mysore: Rainfall—8 inches 65 cents in the Civil and Military Station and good rain in parts. Prospects are favourable. Prices have fallen in Tumkur and Kadur. Ragi (Eleusine coracana) has been sown in Kolar, Tumkur, and Chitaldrug.

COORG: Rainfall—7 inches 18 cents. Transplanting of rice is nearly over. Reaping of ragi (Eleusine coracana) and picking of cardamom have commenced. Prices of food-grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 14th September.—BERAR: The weather is cool and cloudy. The standing crops are in good condition. Land is being prepared for the ensuing winter crop. Weeding continues. Insufficiency of fodder and water prevails in the Murtazapur and Chandur talukas. Prices are almost stationary.

HYDERABAD: Rainfall 2 inches 10 cents. Prospects have greatly improved in the Gulbarga division and Nalgundah district. Preparations for the spring sowings are in progress. Prices of grain are stationary. Prices—wheat 7%, coarse rice 8, and jowari 15 seers per current sicca rupee.

Central India.—For week ending 14th September.—Good rain fell in Central India during the week. The fall has been excessive in Baghelkhand. Agricultural operations are in progress. The crops are in good condition, but have been generally damaged in Bundelkhand, Baghelkhand, and Bhopawar by excessive rain. Agricultural stock and pasturage are in good condition. Prices are rising in Dhar and are steady elsewhere.

Rajputana.—For week ending 14th September.—Fair to good rain has fallen throughout Rajputana, and prospects have improved since last week. More rain is needed in Ajmere. The crops are generally in good condition, but slight damage by insects and by want of rain has occurred in Meywar, Haraoti, Jhallawar, and Ulwar. The crops are withering in parts of Jaisalmere. Cattle are generally in good condition, but fodder is scarce in Meywar, Marwar, Haraoti, Ajmere, and Jaisalmere. Prices are rising in two States, falling in two, and are steady elsewhere.

Kashmir.—For week ending 13th September.—Rain fell during the week. The standing autumn crops are in good condition. Prices continue below normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 14th September.—There was good rain during the week. Prices are slightly falling. Prices—wheat 18, maize 20 seers per rupee. The condition of the standing crops is good. Fodder is sufficient.

Nepal.—Report not received.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

			,	PR	ECEDING WEE	ıĸ.	ľ	RESENT WELF	ζ,	Increase	
NAME	NAME OF PROVINC			Relief works.	Gratuitous relief.	TOTAL	Relief wo.ks.	Gratuitous relief.	TOTAL.	or decrease.	
Madras		* *	۰	288	29	317	324	33	357	+ 40	
Bombay	•	•		14,612	5,432	20,044	14,709	5,605	20,314	+ 270	
	Тот	AL.		14,900	5,461	20,361	15.033	5,638	20,671	+ 310	

T. W. HOLDERNESS,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Circular No. 6-1-22-F.

Extract from the Proceedings of the Government of India in the Department of Revenue and Agriculture (Forests),—dated Simla, the 12th September, 1898.

Read-

- (i) Circular Resolution No. 20-F., dated 25th October 1895, promulgating revised rules to regulate the constitution of, admission to, and studies and discipline at the Imperial Forest School, Dehra Dun.
- (ii) Circular No. 11-F., dated 23rd June 1897, forwarding, with remarks, copies of the Resolutions passed by the Board of Control of the Imperial Forest School in March 1897.

RESOLUTION.

In the Circular of 23rd June 1897 the opinions of Local Governments and Administrations were asked on two of the Resolutions passed by the Forest School Board of Control, viz.:

Resolution No. VIII.—That the standard of English at the Forest School entrance examination (Upper Class) should be raised, in so far that candidates should be required to explain the meaning of a number of passages read to them in English.

Resolution No. X.—That Government candidates for admission to the Forest School (Upper Class), after passing the entrance examination, should be required to undergo a course of practical training for six months in the forests of the province to which they belong. In connection with this Resolution, the Government of India were of opinion that Private students should not be excluded from the benefits of the proposal in question.

- 2. From the replies received it is found that all Local Governments and Administrations accept the proposal in Resolution No. VIII. The following clause will accordingly be added to rule 12 (v) of the Forest School rules, immediately after the enumeration of the subjects of the entrance examination:
- "The conversational test in English will include the explanation by the candidate of the meaning of passages in fairly simple English which have been read to him, the object being to secure that he possesses sufficient knowledge of the language to follow and understands the course of lectures."
- 3. The proposal in Resolution No. X is also accepted more or less generally by Local Governments and Administrations as applicable to both Government and Private students. It was originally intended that the candidates who followed the course of practical training in question should be exempted from the existing "preliminary term" of practical work for two months in the forests of the School Circle. It has, however, since been decided that this "preliminary term" forms an integral part of the School course, and that it would be unwise to do away with it. Under these circumstances the Government of India consider it will be sufficient if candidates undergo, in addition to and before the preliminary term, which commences on the 15th. April, a course of practical training, in such forests as the Local Government may decide upon, during a period of 3½ months, the most convenient time for which will be from the 1st December to the 15th March. The entrance examination will in consequence be held not later than 15th October in each year, so that the results may be known in time for communication to all candidates.

- 4. Candidates who are already in the Government Forest Service need not be required to undergo any special course of practical training, since they are, as a matter of fact, already doing practical work in the forests. Such candidates will, as before, join the School in time to attend the preliminary term; and the present orders will, therefore, apply to Private students only, and will come into force during the current year. Notice of the change now made is, however, too short to admit of the next entrance examination being held on 15th October. It will therefore take place this year instead on or about 15th December, and the practical course of training in local forests will correspondingly be reduced to two months, viz., from 15th January to 15th March 1899.
- 5. No student, even though he may have successfully passed the entrance examination, will be considered eligible for admission into the Forest School who does not satisfactorily pass through the 3½ months' course of practical training, as well as the further preliminary term of 2 months under the School officers.
- 6. The Government of India have further decided to sanction to Private students (whether European or Native), while under training in the forests of their own provinces, travelling allowance at the rate of Rs. 25 per mensem to enable them to defray their travelling expenses during this period. This allowance will be met from the budget grants of the local Forest Departments, and will be paid only under the countersignature of the Conservator of the Circle concerned.
- 7. In the case of students to whom Local Governments have decided to grant stipends under the rules in force, the payment of these stipends should not commence until after the candidates have satisfactorily passed through the 3½ months' practical training, during which period they will be classed with other Private students.
- 8. A suggestion by the Government of Madras to amend rule 13 (ii) (a) of the Forest School rules, so as to reduce the period of service in the Subordinate Forest Service before an officer can be deputed to the School from three years to six months, does not altogether commend itself to the Government of India. They consider, however, that the period may be reduced to two years, and this will accordingly be done.

ORDER.-Ordered that a copy of this Resolution be forwarded, for informa-

Bengal, North-Western Provinces and Oudh. Punjab. Burma. Central Provinces. Assam.
Coorg.
Ajmere.
Andamans.
Baluchistan.
Hyderabad.

tion and guidance, to the Government of Madras, the Local Governments and Administrations noted in the margin, the Inspector General of Forests, and the Comptroller and Auditor General; and for information to the Government of Bombay

and the Finance Department.

Ordered, further, that the Resolution be published in the Supplement to the Gasette of India.

[True Extract.]

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

org.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weekly in the Crop and

bouring children and other dependants of relief workers are classed as on relief works when distinguished in the local seturns from persons only relieved in poor-houses or at their homes.

Name of Province and		HE WEEK		FOR THE 27	B WEEK	RNDING IST 1898.	FOR TE	E WERK	ENDING BER 1898	FOR THE WEEK ENDING			
District.	Relief works,	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Rel'ef works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	
Madras. Nellore	496	28	524	36 5	24	389	376	24	400	288	29	317	
Total Madras .	496	28	524	365	24	389	376	34	400	288	29	317	
Bombay. Sholapur	14,074	5,341	19,415	14,074	5,158	19,232	13,995	5,401	19,396	14,612	5,432	20,044	
Poona	2,172	***	2,172	1,605	g e 1	1,605	1,661	•••	1,661	1,663	676	1,663	
TOTAL BOMBAY .	16,246	5,341	21,587	15,679	5,158	20,837	15,636	5,401	21,05	16,275	5,432	31,707	
GRAND TOTAL FOR ALL PROVINCES.	16,742	5, 36 9	22,111	16,044	5,182	21,276	16,032	5.425	21,457	16,563	5,461	22,024	

edates at the head of the table are the dates of the Gauette of India in which the Provincial total, were published. The figures, however, y show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction.

Pated 16th September, 1898.

T. W. HOLDERNESS, Secretary to the Government of India.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JULY TO 4T SEPTEMBER 1897, AND FROM 1ST JULY TO 3RD SEPTEMBER 1898.

N.B.—As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

Week ending 4th | Week ending 3RD |

And the second s	Average earnings	S Stepp	CK ENDING 4 TEMBER 189			ek ending 3		Earnings	Earnings		
Bailway.	per wock during	k	Earning	**		Earning		from 1st July to 4th	from lat July to 3rd	Increase,	Deer
	the 2nd- half of 1897.	Mean mileage worked.		Per mile open.	Mean mileage worked.		Per mile open.	September 1897.			
State Lines worked by companies.	Rs.	Miles.	Rs.	Rs.	Miles.	Rs.	Ra.	Ra.	Re.	Ra.	B
East Indian Rengal Contral	629 210	1,737 125	9,10,868 24,996	542 200	1,740 125	9,86,000 15,300	567 122	94,80,374 1,76,447	92,54,000 1,43,000	***	23
Bengal-Nagpur Indian Midland (including Bhopal-Itarsi)	116	862	82,038 1,04,792	95 139	962	86,000 78,200	89 98	8,13,915 10,35,108	7,45,000	***	2
Bezwada Extn. (East Coast State) . Madras-Ennúr sec. (Bezwada-Mad.)	150 183	21	2,915 1,683	139	21	2,800 600	110 67	30.757 11,345	25,600 6,500		5.3 4.4
Rajputana-Malwa (inoldg. GRNágdá).	196	1,815	2,81,620 305	155 18	1,815	3,41,000	188 24	29,95,727 4,459	31 ,13,000 4,800	1,17,273	-
Palanpur Deesa South Indian Mayavaram-dutupot	168 05	1,042	1,69,539	163 92	1,042	1,63,000 4,800	156	16,16,976 48,212		0.14	1,87
Southern manuatta (metading Guntarat-	95		1,65,226	143		88,600	76	15,09,375			2.51
Mysore Frontier section) Mysore section (Southern Mahratta)	110 127		1,65,226	160	1,165 296	25,800	87	4,05,397	2,51,000	***	5,8; 1 1,5;
Bengal and North-Westorn (including Tirhoot section)	126		70,387	86	924	96,000	104		10,81,000	1,66,336	
Amam-Bengul	67 69	238	11,784 14,070	59 59	200 293	11,500 19,900	58 68	1,01,176 1,05,945	2,04,000	25,824 98,055	
Burma	- 153 229	888	1,00.010	113 202	936	20,57,400	147	2,03,38,769	13,13,000	2,28,465	b, lit
State Lines worked by the State. Standard gauge-	27-501	10,000			10,000	20,0.,		2,00,00,	*,10-1		
North Western (a) . Oudh and Robilkhand (including the	243	2,885	7,33,739	254	2,885	5,45,000	189	57,19,329			3,01
metro gaure link) Eastern Bongal (inoldg. metre & ?' 6")	177 411	875 817	1,25,698 3,15,195	144 423	1,013	1,54,000 2,37,000	152 290	12,42,957 23,23,383	14,44,000 21,08,000	2,01,043	2,119
East Coast	104		71,522	133		35,900	67	5,83,091	3,79,000	994	2,914
Jorhat	67	25	1,178	47	25	3,100 (b)	124	17,253	22,000 (b)	4,747	
TOTAL .	243	5,140	12,77,627	240	5,279	¥,70,000	185	98,86,013	and the same of th	***	5,8
Lines worked by guaranteed cos.				-01		7.000	Calify	740	22.24.000		
Bombay, Baroda and Central India .	328 507	461	4,38,416 2,28,259	291 495	1,491 461	4,13,000 1,99,000	277 432		19,50,000		3,667
Madras	260 337		2,22,011 8,83,686	264	840 2,742	1,91,000 8,03,000	227	21,99,271	19,89,000 78,35,000		2.1-1
TOTAL (GUARANTEED AND STATE) .	250	17,968	41,83,875	283	18,470					1	20.11
Assisted companies.				201			101	- MO 100	2.02.000		66.
Delhi-Umballa-Kalka Tarkossur	282	22	32,092 4,558	201 207	162 22	21,300 4,300	131 195	2,72,432 46,043	42,400	***	3,1
Southern Punjab (Delhi-Sawasata) .	35				400	21,200	53		2,49,000	2,49,000	1 4
Robilkhand and Kumaon (Co.'s sec.) . Bengal Dooars	126 184		19,425 4,504	294 125	66 36	6,500 7,500	98	78,976 52,958	66,100 59,800	6,847	12,5
Dibru-Sadiya Ahmedabad-Parántíj	195	78	13,287 1,804	170	78	12,600 2,100	162 38	1,87,406 17,795	1,61,000	23,594 1,605	
Special gauges -	900										10
Darjoeling-Himalayan Barai	. 93	21	16,111	316 71	21	14,000 1,060	_ 48	16,610	10,800		- 1
Lines owned by native states and	156	475	93,220	196	891	90,500	102	7,68,822	9,43,500	1,74,678	-
worked by other agencies. Standard gauge											
Bina-Goona				-44 30	74 114	1,800 8,700	24 76	6,407 40,965			
Nagda-Ujjain	42	35	1,027	29	35	1,500	43	11,655	16,200	4,045	
The Gackwar's Petlad	86	13	1,024	79	384 13	600	46	9,240	7,900		1
Rájpura-Bhátinda	106 423			102 347	108	8,200 3,200					34
Metro gauge— Yesvantpur-Mysore Frontier section (in-										13"	29
cluding Mysore-Nanjangud)	93		3,607	93	66 93	4,300 5,200	56	43,495	45,600	2,105	
Kolhapur	49			60	29		38		11,400	224	
Special gauges— The Gackwar's Dabhoi Rajpipla	43 12			13	79 19	2,900 100	37 5	31,416 2,188			1
Cooch Behar	46	22	H83	38	22	800	36	4,491	7,400	2,909	تسا
Total Lines owned & worked by n. states.	115	996	99,838	100	996	1,05,700	106	9,95,429	9,94,800		-
Metre gauge- Bnév nagar-Gondal-Junégad-Porbandar .	83			61	334	18,500			1,76,000		33
Jetalsar-Rajkot	. 81	46	3,701	80	46 54	2,800	61	31,326	25,900	000	1
Dhrángádrú				54	21	800	38	411	7,400	7,400	
Jodhporg-Bickanser Ogdeyporg-Mitor				49	405 60						
	39	60	2,948	80	00	2,000		-			4
Special gauge—	39 92	94	7,676	82	94	7,500	80	and the second second		and the second	-
Special gauge -	39	94	7,676 56,923		94	7,500 59,990	80 59	58,791 5,27,440 4,09,79,487	5.14.800		18,66

 ⁽a) Includes the Jamma and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khampand the Amraoti railways.

GOVERNMENT OF INDIA: PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

No. XXI or 1898-99.

STATEMENT OF APPROXIMATE GROSS BARNINGS OF INDIAN RAILWAYS.

N.B.—As regards the figures in column Total Barnings from 1st April 1898, audited figures have been used, as far as possible.

	Average		E WINDING			ENDING		Earninge	Earnings		
BAILWAY.	per mile		Earnin			Earning		from 1st April to	from 1st April to	Increase.	Dogresse.
DALLOWAY.	per week in 1897-98.	Mean mileage worked.	TOTAL.	Per mile open.	Mean mileage worked.		Per mile open.	4th September 1897.	3rd Septem- ber 1898.		
State lines worked by companies.	Ro.	Miles.	Ra.	Re.	Miles.	Rs.	Ra.	Ro.	Ra.	Rs.	Re.
Standard gauge	654	1,787	9,40,868	542 200	1,740	9,86,000	567	2,48,51,155	2,47,93,000 4,00,000	4,41,845	3
Bengal Central Bengal-Nágpur	188 139	125 862	24,996 82,088	95	125 962	15,300 86,000	122	4,01,523 24,70,840	29,04,000	4,33,160	1,528
Indian Midland (including Bhopal-Itarsi) Bozwada Extn. (East Coast State)	155 155	752 21	1,04,792 2,915	139 139	800 21	78,200 2,300	98 110	26,63,588 65,381	25,72,000 78,500	18,119	91,538
Madras-Ennur sec. (Bezwada-Mad.)	185	9	1,683	187	9	600	67	27,782	19,300	***	8,432
Metre gauge— Rajputana-Malwa (inoldg. QRNagda)	210	1,815	2,81,620	155	1,815	3,41,000	188	81,75,745	1,01,01,000	19,25,255	***
Pálanpur-Doesa South Iudian	166	1,042	305	18 163	1,042	1,68,000	24 156	18,583 40,66,479	14,800 38,01,000	001	8,788 2,65,479
Marana man Matanet	92	54	4,957	92	54	4,800	89	1,19,278	1,11,000	***	8,273
Southern Mahratta (including Guntakal- Mysore Frontier section)	113	1,165	1,65,226	142	1,165	88,600	76	36,45,680	26,58,000		9,87,680
Mysore section (Southern Mahratta) Bengal and North-Western (including	123	296	47,377	160	296	25,800	87	9,18,047	6,63,000	***	2,55,047
Tirhoot section)	147	815	70,387	86 59	924 200	96,000	104	27,55,308 3,63,476	29,50,000 4,64,000	1,94,692	***
Lucknow-Barcilly	81 73	200 288	11,784 14,070	59	293	11,500 19,900	58 68	8,49,758	5,43,000	1,93.247	000
Burma	196 243	888	1,00,010 20,22,562	202	986 19,399	1,38,000 20,57,400	147	33,48,849 5,37,41,362	\$5,23,000 5,55,95,600	1,74,151	***
State lines worked by the State.	240	10,036	20,22,002	202	19,000	20,37,900	188	0,01,41,000	0,00,00,000	10,03,800	***
North Western (a)	236	2,685	7,33,739	254	2,885	5,45,000	169	1,29,27,446	1,69,12,000	39,84,554	
Oudh and Rohilkhand (including the	195	875	1,25,098	144	1,013	1,54,000	152	36,64,307	48,18,000	6,53,603	
metre gauge link) . Eastern Bengal (incldg. metre & 2'6") .	362	817	3,45,405	423	818	2,37,000	290	52,05,903	51,79,000	0.01	26,903
East Coast	106	538	71,522	133	\$118	85,900	67	12,71,802	11,76,000	640	95,802
Jorhat	69 44	25	1,178	47	25	3,100 (b)	124	44,498 (c) 2,945	41,900 (d) 1,400	***	2,598 1,545
Cherra-Companyganj	235	5,140	12,77,627	249	5,279	9,75,000	185	2,31,16,901	2,76,28,300	45,11,899	*,000
Lines worked by guaranteed cos.											
Great Indian Peninsula (e)	381	1,491	4,33,416 2,28,259	291 495	1,491 461	4,13,000	277	1,16,65,191 66,71,728	1,43,62,000 76,90,000	26,96,809 10,18,277	***
Bombay, Baroda and Central India Madras	586 261	461 840	2,22,011	264	840	1,91,000	432 227	52,00,541	48,93,000	10,10,011	8,07,541
TOTAL	379	8,792	8,88,686	317	2,792	8,03,000	288	2,35,37,455	2,69,45,000	34,07,545	141
TOTAL (GUARANTEED AND STATE) Assisted companies.	262	17,968	41,83,875	233	18,470	38,35,400	208	10,03,95,718	11,01,68,800	97,73,182	***
tandard gauge-	207	160	82,092	201	162	21,300	131	6,20,031	6,32,000	11,969	
Delhi-Umballa-Kalka Tarkessur	278	22	4,558	207	22	4,300	195	1,36,949	1,34,000		2,949
Southern Punjab (Delhi-Samasata).	42	400	***	***	400	21,200	58		8,10,000	8,10,000	***
Rohilkhand and Kumaon (Co.'s sec.)	131 149	86 36	19,425 4,504	294 125	86	6,500 7,500	98 208	1,87,981 1,11,850	2,09,000 1.15,000	21,019 8,650	***
Bengal Dooars	198	78	13,237	170	78	12,600	162	3,43,255	8,59,000	15,745	
Ahmedabad-Parántij	4.5	41	1,804	44	55	2,100	38	(f) 34,186	71,700	87,514	***
Darjeeling-Himalayan	274 125	51 21	16,111	316 71	51 21	14,000 1,000	275 48	8,86,700	8,85,000 54,600	0.00	1,700 6,303
Barsi . Total .	147	475	93,220	196	991	90,500	102	18,31,355	27,20,3:0	8,88,945	***
Lines owned by native states and worked by other agencies.											
Standard gauge—	26	74	-3,280	44	74	1,800	24	29,352	45,000	5,648	
Bhopal-Ujjain	61	114	3,418	30	114	8,700	76	1,41,258	1,85,000	43,742	***
Nágdá-Újjain The Nisam's Guaranteed State	60 211	35 334	1,027 67,071	29 201	35 334	1,500 67,800	43 201	51,243 14,66,152	59,500 16,80,000	8,257 2,13,848	100
The Gackwar's Petlad	84 122	18 108	1,024 11,034	79 102	13 108	8,200	· 76	31,372 3,14,284	23,200 2,99,000	404	3
Rájpura-Bh á tinda Kolar Gold-fields	402	10	3,466	847	10	3,200	320	84,558	87,800	8,242	-11
Metre gauge— Yesvantpur-Mysore Frontier section (in-											
cluding Mysore-Nanjangud)	84 71	66 98	6,180 3,607	83	98	4,300 5,200	65 56	1,46,064 1,51,099	1,07,000	***	39,084 2,099
The Gackwar's Mehsans Kolhapur	57	29	1,754	60	29	1,100	38	50,281	84,800	100	15,481
Special gauges— The Guckwar's Dabhoi	51	79	3,439	44	79	2,900	37	1,03,843	98,200	***	5,648
Rajpipla	11 54	19	256 833	13 38	19	100	5 36	2,188 21,827	4,800 28,900	2,612 2,073	***
Cooch Behar	120	996	99,838	100	996	1,05,700	106	26,03,521	27,97,200	1,93,679	
Lines owned & worked by n. states.	-										
Bhavnagar-Gondal-Junagad-Porbandar .	97	884	20,389	61	384	18,500	55	7,65,302	8,58,000	92,698	2.061
Jetulsar-Rájkot Jámnagar	82 88	46 51	8,701 2,386	80 47	46 54	2,800 1,800	61	84,964 (g) 50,606	79.700 48.100	***	5,264 2,506
Dhrangadra	62	864	19,823	54	21 405	800 26,600	88 66	5,27,755	(h) 9,500 5,43,000	15,245	
Jodhpore-Bickaneer Oodeypore-Chitor	88	60	2,948	49	60	1,900	82	58,093	64,900	11,807	***
Special gauge	88	94	7,676	82	94	7,500	80	1,68,041	1,88,000	14,959	
TOTAL	75	949	56,923 44,33,856	60	1,014	59,900	39	16,49,761	17,86,200	1.86,439	
GRAND TOTAL .	243	20,388	1 4 4 6565 130 15	917	21,371	40,91,500	191	10,64,80,855	11,74,72,600	1,09,82,24	o II

⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
(b) Closed for traffic.
(c) From 1st April to 15th May 1897.
(d) From 1st April to 14th May 1899.

⁽s) Includes the Wardha Coathoud-Manuad, the Khamgson, and the Amraoti railways.

(f) From 1st May to 4th September 1897.

(g) From 8th April to 4th September 1897.

(h) From 1st June to 3rd September 1898.

W. J. McELHINNY, Capt., R.E.,

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SUPPLEMENT TO

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No. 39.1 CALCUTTA, SATURDAY, SEPTEMBER 24, 1898.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE UP INDIA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Ancellency the Governor General will in future be published in Part VI of the Gazette.

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No Official Orders or Notifications, the Publication of which in the Gazette or India is required by Law, or which it has been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and Notifications the bady of the Gazette must be looked to.

GOVERNMENT OF INDIA, FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 1st HALF OF AUGUST 1897 AND 1898

Diera	CTS			UNHU		RICHURK		WHI	RAT.	FLOUR (VHEAT).	BARI	EY.	JAW	/AR.	-
Diese				1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898,	1897.	
Burma-																P
Tenaszerim-			1								1				-	
Mergui		٠	•	18'7	30'4	39.1	42'5	0.0.0	q n+	880	***	484	884	000	***	1
Tavoy . Moulmein and	Amheri	t.		16'15	24.02	49'5 59'5	42 ['] 5 08	000	800	041	***	484	904	000	800	
Pegu (deltaic)-				16.66	26'35 20'4	41'83	62'05	72.22	88'4	600		***	9 0 6	869	049	
Thôngwa .				{	to 23°8 23'8	55°25	68	990	000	440	***		***	***	010 684	
Pegu (inland)- Henzada Toungoo	:		•	14.79	19.22 23,38	40'46 54'4	54'4 54'4	000	***	***	***	460	400	000	000	
Upper Burme- Mandalay		٠		18*02	24'09	43'52	63.0	39°27	68.51			***	400	800	190	
Bamo .			-	11.02	***	51	***	***	800		***	951	000	003		
Pakôkku .	•	٠		17	25'5	39°1	68	*99,		***		***	200	19*75	29'75	
Arahan— Kyaukpyu Akyab	0			18'7 21'76	21,52	37°4 43',52	42'5 45'9	990.	PNA.	010 010	940	***	0 Q 0 0 Q 0'	000	***	
Assam-	1							4								
Brahmaputra— Goalpara Gauhati				25 26.87	22.2	27.3	5 9	000	900	500	***	***	040	000	300	
Bengal-																ı
Bastern— Chittagong Dacca		•	:	900	800	32'5 33'75	50 52°5	32'5	50	980	000	15	35	***	111	
Doltaic-																
Midnapur		٠		000	44*	31'25	45	B-0-0	9.40	* ***	***			***	401	
Calcutta		٠	•	a e é	***	35	55	30	45	411	481	23'75	40	22'5	40	
Central— Bardwan Pabna			•	090 000	000	35 29'37	50 45'31	31'41.	44-37	Q 000	940	000	900	900	000	
Northern- Rangpur			•	004		35	63.2	37°5	56.35	***	030	***	004	***	801	1
Orisea— Cuttack		٠		000	980	27.91	33,01	36°87	49'37		900	400	2-00	400	100	
Biker, south-				800		36.20	48.75	23,15	42'5			16'25	32'5	15'94		
Bihár, north-			•			28:44	47'81	25'94	43'12	***	941		37.66			
Muzaffarpur	4	•	•	001	961	30'62	53'28	25	45'31	***	100	15.62	36'41	000	100	Ť
NW. Province	- 04															
Benares		۰		23.62	376	39'48	58.4	26.12	44'43	39'27	21,8	16.48	38.18	•••	41'82	
Central— Cawapore Jhanes .		٠	•	20 21'09	36.32	38.13 31,08	27.18 21.01	23°18 26'35	43°23 44'43		48'49	15'1	33°33 35°62	16'82	om per	
Western-		٠		864	661	100	900	27'55	000	32'03	000	17'4		***	401	
Agra .				***		45	53	38,13	49'13	1		16'87	32'97		4	,
Submontane, s Shahjahanpur				091	400	000	001	22.22	42'08		480	14'69			000	
Ondh-																
Southern- Lucknow				20	000	36.21	53'33	24.12	43°33	29.58	50	15'16	36*35	18'28		
Morthorn-											,					
Fyzabad				17:03		36'35	800	23'49	43'44		***	16'3	800	17'03	3 000	1

[•] The figures under " Rice, husked " represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupes.)

BAJ	RA.	RAG	11.	MAIZ	E.	GRA	M,	ARHAR	DÁŁ.	Gn	l.	S
1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	Distincts.
												Burma -
												Tenasserim-
		440]:		***			***	*80	499	000	Mergui.
%	001	***		000	***	000	***		111	***	***	Tavoy. Moulmein and Amberst.
901		***				47.6	59'5		***	100	884	Pegu (deltaic)- Rangoon.
			0,00			040			***	001		Thôngwa.
***	100	***	***						0.53	400	***	Bassein.
000	944	100	404	•••	***	301	401	***		doe Doo	640	Pegu (inland)— Henzada. Toungoo.
	000	***	007	400		34'68	70'89	***	***			Upper Burma- Mandalay.
000						611	000	***			140	Bamo.
			004				840	410	***	409	100	Pakôkku.
941		004	005		***	447		000	***	***	100	Arakan— Kyaukpyu. Akyab.
000	1 000	000	***		400	198 001	106	000	000	944	400	Assam— Brahmaputra— Godipara, Gaubati.
040	500	000	994 900	1 586 886	***	32°5 25	50	33'75	56.52	400 400	400	Bengal— Bastern— Chittagong. Dacca. Deltaic—
	1											Midnapur,
***	100	000	004	***	***	100	000	800	919	380	330	
27'5	50	001	***	17'5	40	23'75	45	32'5	40	350	320	Calcutta,
000	000		000	000	400	23°75 24°06	48°75 45°62	18.13 33.2	53'12 31'25	330 480	300 280	Central— Bardwan. Pabna,
		1.			anion.	26'25	43°75	50	62'5	380	300	Northern- Rangpur.
000	***	400	***	20	41'25	26'56	33.01	20'31	35'78	337'5	307'5	Orissa— Cuttack.
460	***	484	***									Bihar, south-
404				17'19	40	18'59	40	15'94	35'62	300	260	Patna.
001	***	16'04	33'28	15'62	41'25		44*37	18,13		360 304'37	347°5 278°28	Bihár, north- Bhágalpur. Muzaffarpur.
a .												NW. Provinces-
010	53*54	000	***	444	***	19'06	45'47	25'18	53*54	366'67	293'33	
17'4	***	000,	800	17'10	000	18'8	43'8\$ 47'03	24,31	48'49	290°88 297°66	290'88 245	Central— Cawnpore, Jhánsi.
-7 4	***	***	904	411	008	22'81	40	25'78	000		320 .	Western- Meerut.
17'5		1	000	***	42.66	19'37	46'35	28.75	50	330	266'87	Agra.
*/ 5	950	000	***	100	800	18'02	43'23			320	270	Submontane, west- Shahjahanpur.
						-						Oudh—
19"5	3		000	17'81		20°47	45'68	200	0 0 0	320	280	Southern
19'0		•••		17'4		18133	41'56	1	500	290*88	256'25	Northern— Fyzabad.

WHOLBSALE PRICES FOR THE 1st HALF OF AUGUST 1897 AND 1898 -- continued

Dis	TRIC	TS.			G	OR,	S	ALT.	Това	CO LEAF	Turi	MERIC.	Gi	LASS,	St	RAW,
					1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.
Burma-																
Tenasserim- Mergui Tavoy					***	144	000	400	***	***	***	***	401	500	B-0 .	***
Moulmein	and a	Amhe	ret	٠	001	401	***	100	***	442		***	***	***	***	000
Pegu (deltais Ranguon	·)—	٠		٠	***		***	•••	***	one.	***	000		*40	***	400
Thôngwa	٠	۰	٠				***	***				***		***	***	
Bassein	۰	٠	٠				000	***		***	000	***	***	100		684
Pegu (inland Henzada Toungoo	() -		*	•	169	000	***	000	•••	000	000	4.00	•••	***	600	***
Upper Burme Mandalay Bamo Pakôkku	•	•		0	***	000	008 000	000	***	000	000	000	000	000	000	000 000 000
Arakan— Kyaukpyu Akyab .	•	•		•	000	900	004	000 000	800	000	***	000	***	664	000	900
Assam-																
Brahmaputre Goálpára Gauhati	:	•			600	888	989	000	89.5	900	000	***	000	100	844	000
Bengal- Eastern- Chittagong							36.25									
Dacca	٠	٠			000	***	37.2	40 40	70	75	***	***	30	35	***	000
Deltaio- Midnapur Calcutta				•		***	35'62	37'5 {	5 2°5 and 65	47°5 and 61°35	}	***	***	849	4(a)	2(0)
			•		***	***	33'75	35.63	. 60	70	***	***	7(4)	7(a)	6(a)	3'5(a)
Contral— Bardwan Pabna					400	490	36·25 38·75	33 '75	67°5	70	•••	000	000	01.	8(a) 7'5	8(a) 80
Northern- Rangpur		P				***	40	40	60	3 0	***	***	.13(9)	*12(b)	14(8)	*17(b)
Orissa— Cuttack					***	***	31 25	31.87	45	63'5		***	20(a)	20(a)	4°23(a)	2°75(a)
Bihar, south-				•	***	400	35'62	36.84	30	30		54.1	2.2	8.2	200	***
Bihár, north- Bhágalpur Muzaffarpur	•		•		***	400	37°5 36°25	40 36'41	40 100	90 100	pns	000 080	***	409	000	400
NW. Province	:09-															
Benares			٠		45'78	63'75	***	***	***	000		***	***	***	294	200
Cantral— Cawnpore Jhánai	•	d 0	•		\$6.32	53'33 52'5	600	000	56.35	70	102°5	75	644	90)	616 8 96	960 960
Western Meerut Agra	•	•			45	47'97		200	400	004	994 600	000	000	***	400 ,	50°C
Submontane, s Shahjahanpu	000 6-				***	441	000	646	•••	000	115 and	90 and		***	000	940
Oudh — Southern—											(120	100				
Lucknow Northern—	•		٠	•	44'37	56'98	***	***	75	75	400	100	1,08	3.2	000	.11
Fyzabad					40		000	***	•••	000	040	000	3'81		***	9.00

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

AWAR S	TALKS.	Виц	18A.	SHI PER 8	CORE.	GOA PER S	CORE.	PLO BULLOCI PA	KS, PER	Districts,	
1898.	1897.	1898,	1897:	1898.	1897.	1898,	1897.	1898,	1897.	- 170 8101 %	
										Burma—	
						,				Tenasserim—	
***	000	000	000	040		140	894	obo	***	Mergui. Tavoy.	
***	001	600	000	101	000	100	986	400	000	Moulmein and Amheret,	
										Pegu (deltaie)—	
989	800		***	***	141	884	214	110	649	Rangoon.	
***	800	***	***	***	***	660	664	141	***	Thôngwa.	o.
***	***	***		***		444	6 0 0	***	***	Basseis.	
60					1					Para linland	
	200	*10	***		+14	800	000	***	***	Pegu (inland)- Henzada.	
•••		484		***	144	000	***	***	***	Toungoo,	
ĺ										Upper Burma-	
600	204	o a b	240	***	000	***	***	***	***	Mandalay. Bamo.	
199	000	900	000	000	000	***	000	***	***	Pakókku,	
										Arakan-	
	***			***	***	0.00	400	007	***	Kyaukpyu,	
**	200		400		•••	***	***	000	***	Akyab	3
										Assam-	
										Brahmaputra-	
		+41	***	***	960	***	940	***	000	Goalpára. Gauhati.	
100	000	400	004	0.00	000	800	410	41			
										Bengal-	
										Bastern- Chittagong.	
100	444	500	***	***	***	600	880	000	000	Dacca,	
										2.4.4.	
					241	224	***	***		Deltaio- Midnapur.	
101	***	000	000		141	***	***	***	009	Calcutta.	
**	***	***	***	***	101	***	***				
								244	000	Central— Bardwan.	
***	960	0.00	111	000	988	***	000	***	800	Pabna.	
										Northern-	
	840	400	941	***	***	***	000	000	000	Rangpur,	
										Orissa-	
	***	800		647		900	400	400	007	Cuttack.	
										Pilete south	
				404		000	600	000	000	Bihdr, south-	
040	660	0.00	***							But A	
						-		000	000	Bihar, north— Bhagalpur.	
0.00	904 984	000	200	100	101	001	***	•••	040	Muzaffarpur.	
										NW. Provinces-	
										NW. Provinces-	
660	800	900	000		•••	600	***	800	***	Benaros,	-
										Central— Cawnpore,	110 to 60
662	007	***	884	бо	60	400	940	***	000	Jhánsi.	
000	800	000								P99 4	
				60	60	054		70	70	Western-	
011	010	000	000	45	42'5	004	***	001	***	Agra.	
										Submontans, west-	
F = 0			000	40 to 90	40 to 90	***	800	25 to 50	25 to 50	Shahjahanpur.	
										Oudh-	
1.87				35	35	•••		1	400	Lucknow.	
4 4/	0.01	400	000	33	33					Northern-	
	1				***	***	000	28	28	Fyzabad,	44

WHOLESALE PRICES FOR THE IN HALF OF AUGUST 189% AND 1898-continued

Distric	78.			WITHUS		RICE, H	LUSKRD.	WH	BAT,		BAT),	BAR	LEY.	JAW	Ast,
				1898,	1897.	1898.	1807.	1898,	1897.	1898,	1697.	42)8,	1897.	1898,	1897.
Rajputana— Kastern— Ajmere			•	33'33	33'33		099	33.33	48'44	006	550	22'19	38:75	32.10	44141
Panjab— Southern— Ferozpur .				20	32'5	57.13	75	23.44	42'5	28.20	43'75	13'12	32'81	15'31	37*5
Central-				21'04	35'52	40	59'27	22,03	38'54	26°04	43'28	13'78	30'47	18.03	35.1
South-eastern- Delhi	٠			25	38'07	36.32	53'33	25.78	39'01	2 9°63	43'23	17'03	31'98	19'53	38,0
Submontane- Amritear .	٠	•	•	31.01	38.07	40	61.26	22'24	41'04	34,33	41'98	14:27	30'78	***	4474
Northern— Rawalpindi .	٠			17'4	. 30	53°18	55°78	24,33	40	27'19	52'08	13.8	26.67	15'99	36.3
Western- Multan	٠	٠	٠	14,79	25	27'55	48'12	26'56	40	34'06	44'37	17'34	30.48	20'94	307
Sind and Baluchi Karachi	stan-	-						31'25	1006						ofice
Shikarpur .		•	٠	***	840	40	.55	25'47 27'5	35'62	040	***	22'19	33'44 29'37	21.87	30.0
	•	•	•		***	000	{	33.13	} 40	65	65	25	27.2	23'5	4
Bombay — Deccan—					į.			1						į	
Dharwar Sholapur Poona		:		000		201	***	900	***	0+4	905	***	884 100	21'3	101
Khandesh-		-		480	0 04		587	000	***	000	860	***	100	040	801
Ahmadnagar Dhulia				000	040	***	000	33'65	***	400	***	000	000	43'33	010
Gujarat— Surat Ahmadabad .	•	•	•	460 000	800	400	0-0p	000	***	***	### ##################################	000 000	*85	22°19	900
Central Province	-														
Western-															
Nagpur .	•	•	•	000	***	28	46	32	48	36°37	56	***	901	19.26	33
Jubbulpore .		٠	•	***	094	23.2	48°5	25	43'12	28.20	47'06	***	p 00	17'37	***
Raipur	•	٠	•	0+0	50	26	64	36.63	46	37	58	***	000	000	***
Berar-															
Básim Ellichput . Amraoti .				004 000	990	66·67 40	80 66'25	35'71 44'44 40	61.20 61.2	50 44'37	66°66 66°25	999	***	17°31 18°18 15	50'96 53'36 50
Madras-					11.										
South, central-															
Coimbatore . Salem		•		900	***	040	000	000	000	***	400	***	***	26.87	34*37
Central— Bollary .		•	•	000	144	***	000	440		***	950	000	691	31,08	43'38
Culfinpah . Karnul .		0		***	30'52	900 010	47'03	800	***	100	000	000	000	***	36.20
East Coast, centre Nellore	<i>l</i> -			***	***	***			***	44+	***	400	000	***	
East Coast, south-	-			28 33	31'15	48504									
Tanjore Trichinopoly.				20*04	22.08	45°94 45°88	47°97 42°19	000 540 000	200	000	980	000	000	000	000
Southern- Madura .				***	***	000		001		*01	. 000	000	060	26.67	30'4
Mysore-					-										
Mysore .	•	•		33°66	30'25	46'62	49'36	47'02	90'12	54'85	98'74		400	18.38	32'91
Bangalore	•	•		19'6	23'5	47'04	60.61	50'96	74'67	47*03	54	914	000	23.21	39'19

(The figures represent prices per ten maunds in rupes and decimals of a rupes.)

Baji	RA.	Ra	igi.	Ма	21,	GRA	M,	ARHAR	DÁL.	Gr	lt,	Districts,
1898.	1897.	1898.	1897.	1898,	1897.	1898,	1897.	1898,	1897.	1898.	1897.	Distracts,
26.26	44'43		000	22*19	43.28	25	46'3	200	000	355'47	\$20	Rajputana— Eastern— Ajmere.
25	52 °S			22.2	40	19'06	42'5	40	5 5	400	290	Panjab — Southern— Ferospur,
e#0	47°03	000	040	18.18	47°03	19'53	43'28	35'52	55'16	355'57	352'34	Central Lahore.
19'06	41,04	400	241	17'34	38:07	22.86	42°08	30'78	50	355'52	804°74	South-eastern— Delhi.
***	***	80+	999	***		19'06	41.08	***	***	09.0	***	Submontano— Amritear,
18'18	47°03	091	800	16'67	23'33	21'04	43'28	38'12	49'5	300	#90'94	Northern— Rawalpindi.
20'94	50	983	***	23'49	42'08	30,00	40'99		***	376'41	355*57	Western— Multan.
25	45°47	****	000	#00 000	****	24°37 21°41	47°5 43°12	43'75	65	370	340 331°25	Sind and Baluchistan Karachi, Shikarpur.
894	80.0	0.04	***	25	75	***	0.51	100	***	360	360	Quetta,
28.38	56'87	000 000	900	***	000	25.36	000	49°06	000	000	000 000 000	Bombay Deccan Dharwar. Sholapur. Poona.
33.33	990	60 •	***	986	004	31.52	904	***		490	600	Khandesh— Ahmadnagas. Dhulia.
000	500 009	000	000 000	000 000	***	000	000	***	*50	000	440	Gujarat— Surat, Ahmadabad,
go «	809		000	000	000	24	46	26	52	341°62	318	Central Provinces— Western— Nagpur. Central—
•••	-40	600	***	att	68 0	16.63	42'12	25	23.31	285	240	Jubbulpore, Rastern—
+44	0.00	***	0,00	***	100	93	50	23'5	63	290	270	Raipur.
33'33	66.66	800	\$00 \$00	007	994 000 00d	33°33 28'44	57.12 56.87	33'33	61°56	35o 320	320	Bérar — Básim, Ellichpur, Amráoti.
21'25	21'87	24.0	*3'7	000	000	40	45*62	982	0 0 P	400 359`95	456'97 376'3	Madrae South, contral Coimbatore, Salom,
000	0.04	***		000	000	40	53'33	644	***	380'42	380'42	Gentral—Bellary.
990	43'7	011	560	000	000	600	989	000	010	***	366'67	Cuddapah, Karnul, Bast Coast, control
443	***	25'94	25'88		600	0.00	009	28-85	30'52	***	400	Nellore. Bast Coast, south—
600 00.	000	26.51	18.63	000	000	35'99	52'34	000	000	399'11	389'17	Madrat. Tanjore. Trichinopoly.
3276			000	***	900	001	***	30°99	33,13	980		Southern- Madura.
	1	24'49	25'96			28'60	31'72	76.6	74'06	368'75	354	Mysore— Mysoss.
801	1 000	24.49				33'32	38.10	47°04	37'75	1	411	Bangalore,

WHOLESALE PRICES FOR THE 1st MALF OF AUGUST 1897 AND 1890

					G	R.	SA	LT.	TOBAC	CO LEAF.	Tuni	MERIC.	GR	A88.	STR	AW.	
Dista	ICTI	i.			1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	
Rajputana—																-	1
Bastern-			۰	0	53'33	53:3 3	***		991	***	000	200	6.67	79'7	6.67	5	
Panjab-																	ı
Southern-			٠		***	000	484		50	40	123'07	90	2'5	2*5	3'28	5	
Control-				٠		401	904	000	57*13	57'13	123'07	95'52	6.67	10	4'43	6:67	
South-castern-						***	100	***	80	80	114'27	123°02	5	5	5	8.01	
Submontane -					***									8			
Northern- Rawalpindi						***	105	***		040	***	001	000	3.65	3.62	5.31	
Western-		•			369	000	0.00	***	40	40	133'33	84'17	3'33	3°33	5	5	
		•	٠	•	040	***	040	400	100	100	133'33	100	3.07	3°07	3°96	5'62	
Sind and Baluci Karáchi	hist	LD-															ı
Shikarpur .		•			82'5	82°5 47°34	904	000	001	135	108175	95	8'02	2,31	000	***	
Quetta .			٠	٠	944	***	100	000	100	9.00		400	201	6		0.00	ı
Bombay— Deccan— Dharwar																	
Sholapur Poona .	•				010	000	***	000	400	000	000	***	440 441 440	***	040	989 989 989	١
Khandesh- Ahmadaagar Dhulia						000	000	000		9	***	***	401	***		000	
Gujarat-					040	000	***	400	***	***	***	640	***	***	***	101	
Ahmadabad .					000	000	900	***	000	000	***	000	***	***	000	***	
Central Province	es -																
Nagpur	,	*	٠		***	***	***	***	000	***	***		000			888	1
Central → Jubbulpore		•	4		***		39	30	60	80	120	115		***	040	*10	
Raipur		•			•••	***	43	43	180	180	120	95	***	9.01	089	601	
Berar-																	
Básim . Ellichpur Amráoti		•	•		0.00	900	680	600	200	320	115	76'25	4		***	001 000	
Madras—					0.00	***	***	***	130	200	135	110	'25(a)	'19(a)	***		1
South, central-																	
Coimbatore Salem .					50	71.87	900	***	119.95	107'03	to7'5 75'43	57°5 55°36	***	000	6'56	6.87	
Central- Beliary		0	٠		63'38	47'55											
Cuddapah . Karnul .		0 0			200	900	440	001	66.67	111	444	46.67	100	164	900	***	
Rast Coast, com	tral-	-	ì		***	***	400	600	00 07	100	71.77	58'7	406	***		000	
Bast Coast, sout				0	***	***	***	490	***	040	411	444	416	200	5'1	2,1	
Madras Tanjore Trichinopoly				•	57.6	57.6	010	000	131°67	131'67	57*6	57.6	ap 0	***	400	224	
Southern- Madura					***	000	040	040	118'28	118,38	696	***	400	***	#04	200	
Mysore-					***	000	968	943	116'77	89'74		***	400		4'27	5°37	
Мувого .		•			82.26	76.48			374	374	85'69	68'5	So's:	*A*E*	mir.	ate.	-
Bangalore .		0	0		55'69	77	200	000	342'75	308 25	02 09	109'08	10'71	10'71	7'14	7'14	

(a) Per 100 pullies weighing on an average 158 lbs.

The figures represent prices per ten maunds in rupees and decimals of a rupee.)

AWAR 6	TALKS.	Ben	BA.	PER SC		GOA'		BULLOCI PAII	KS, PER	Districts.	
1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	1897.		
6.67	5	000	089	140	140	000	100	80	80	Rajputana— Bastero— Ajmere.	
										Panjab-	
3°28	2.2	***	•••	50	50	864	àB÷	75	75	Ferospur. Contral—	
	***	489	467	100	100	866	140	112.2	86	Lahore. South-eastern-	
6'67	3.8	***		60	бо	100	***	125	125	Delhi. Submontane— Amritan.	
***	000	500		85	0++	***	000	*	60	Northern— Rawalpindi.	
6.64	7'97	000	***	бо 50	55	400		60 70	70	Western- Multan.	
050	2°34	000	940	30		***				Sind and Baluchistan-	4
641	000	000	000	600 500	6 6 B	***	***	400 211	***	Karáchi. Shikárpur.	-01
000	000	{ 6.525 6.87	} 7.3	40 to 140	40 to 140	410	0.64	010	110	Quetta • Bombay—	
***	000	040	000	101	644	\$00 000	900	400	000	Deccan— Dharwar. Sholapur. Poons.	
***	946	***	494	***	***	000	049	***	610	Khandesh-Ahmadnagar.	
500	240	***	443	440	***		000	000	***	Dhulia. Gujarat— Surat.	
***	000	***	0.00	08*	000	000	110	***	400	Ahmadabad. Central Provinces—	
				60	бо	***	141	70	70	Western	
010	800		100	40	40	100		30	30	Central— Jubbulpore.	
307	•••		***	889	***	***	100	***	0.00	Raipur.	
						000	***	434	***	Berar— Básim. Ellichper.	
3 3(a))	***	100	50 50	55 55	900	.40	95	50 85	Amráoti.	
2:5	2.2	***	000	95 80	95 80	95	95 80	60	60	South, central— Coimbatore, Salem.	
001	000	0:01	400	100	80	100	80		110	Central— Bellary. Cuddapab.	
000	979 979 860	000	040	***	***	00#	400	***	690	Karnul. Bast Coast, central	
	000	***		940	***	***	***	***	***	Nellore. Rast Coast, south- Madras-	٧.
000	400	001	610	55 85	55	55 85	55	***	000	Tanjore. Trichinopoly.	
001		000		984		400	***	40	41		
		39		100	100 5 140 to		900	70		1 4	

(a) Per 100 pullies weighing on an average 748 lb.

J. A. ROBERTSON,
Offg. Director-General of Statistics.

H. H. RISLEY,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

RETAIL PRICES FOR THE 1st HALF OF AUGUST 1898. (The figures represent

																Rici	t.			AR OF	BAI	RA OR
	Dis	TR	CT	B _a						Wı	ibat.	BAT	RĻŒV.	Ber	it sort.		Con	nmon.	(So	ngum rghum gare).	(Pens	MBU Cillaria Cata).
		- Page 4			The State of			*Walios speng	-01-1-1	Half- month of report.	Pre- vious half- month.	Half- month of report,		Half- month of report	viou half	us 1	Half- nonth of eport			vious half-	Half- month of report.	half.
3																						- ' ^
Tenaszerim- Mergui Tavoy Moutmein and			at							7 -	7 —	000	999 891	12 — 12 3 9 9	13 -	8 1	2 t4 3 — 2 3	12 14 12 — 12 3	***	000	000 040	100
Pegu (deltaic)— Pegu Rangoon Thôngwa Basson	• •		0	0		0				9 4	9 8	000	030 010 600	10 2 12 4 11 6 10 8	11 1	B 1	4 3 5 - 1 14 1 5	14 3 15 4 11 14 11 5	100	000 , st0 000	**************************************	660
Pegu (inland)— Tharawadi Henzada Prome Toungoo Thayetmyo						0				10 6	10 f	000 000	000 001 000 000	12 5 11 4 9 3 12 2 11 10	12 1 11 9 1 12 1	1 I	6 7 I 4 2 I4 3 8	16 7 11 4 12 10 14 14 14 8	24 8	24 8	400	#99 604 616
Upper Burma- Mandalay . Bano .		•								14 10	13 3	006 000 000	000 000	10 5 11 2 9 13 10 15	11 (10 8 10 -	5 S 1,	1 13 3 0 1 9	11 13 13 6 12 12 13 2	49 5 28 7	49 28 7	100	000
Arakan— Sandeway , Kyaukpyu , Akyab .				•		•				484 400 600	000 000	000	000	13 2 10 8 11 —	13 2			17 8 11 9 12 —	200 7	***	000 000	000 000 000
98am—																						
Surma- Sylhet Cachar	•	•	•	0 0	4 0					7 12	7 18	880	801	8 12	8 12 5 11		5	10 - 9 2	040	***	100	420
Hill tracts— Khási and Jaint Garo Hills Manipur				0						5 to	5	889	651	4 8 4 -	4 8 4 -	81	- 12	6 -	## ## ## ## ## ## ## ## ## ## ## ## ##	000	010	000
Braimaputra— Goalpara Kangup Darrang Nowgong Shaagar Lakhunpur						•				20 — 8 — 7 8 7 —	17 — 8 — 7 8	000 000 000 000	000	5 12 6 — 7 — 5 — 6 —	6 5 5 1 1 8	14	=	83 12 14 — 10 — 9 8 8 — 10 — 9 —	000 000 000 000	994 999 100 100	000 000 000 000 000	000
ingal—									1													
Bastern hill tract Naga Hills	-									844	. 1			4 8	4 8		_					
kastern- Backerganj .											800	0.44	0.00		, ,	12	1 4	10 —	001	*10	***	660
Noakhali							•			000	081	***	***	9 ==	11 -	(i		11 4	***	150	444	odo
Chittagong .										640	000	***	000	9 8 8 8	9 -	11		10 8	***	***	466	000
Tippera Dacca Maimensingh	•				4						11 8	22 8 1	8 4	9 8	8 -	11	12	10 -	***	000	000	100
eltase-					ď		•	•	•	13 8	13 8	000	001	9 -	9 -	IA		11 -	194	000	***	000
Khulna 24-Parganas .	0	0	0		•	٠	٠			000	004	400	001	10 14	11 -	12	14	13 —		+88		900
		•		٠	•	0	٥	•	*	8-8-1	000	***	001	6	8 —	10	-	10 -	***	000	***	105
Midnapur		•	0	0		•		•	•	10 8	10	494	***	- 01	10 -	18	8	12 8	100	484	***	400
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RETAIL PRICES FOR THE 1st HALF OF AUGUST 1898-continued. (The Agures

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	901	000	13 -	13 —	20 —			17 -	20 -		10 -	10 -	Shahabad.	
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RETAIL PRICES FOR THE 1st HALF OF AUGUST 1898 -continued. (The figures

				KI	CE.	JAWAR OF	BAJNA OR
Distaicts.		WHEAT.	BARLEY.	Best sort.	Common.	(Sorehum vuigare).	CHMBU (Penscillaria spicaca)
variate.		Half- Pre month viou of half report, mont	s month vious	Half- month of half- report, month,	Hall- month vious of hall- report, month.	Half- month vious of half- report, month.	Half- Pro- month vious of half- report, month
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Muzaffarnagar		16 6 16		5- 3-	11 - 11 -	19 4 17 10	20 14 23 -
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Northern- Fyzabad		17 8 16	25 - 24 -	10 - 9 8	13 8 13 8	24 - 24 -	21 - 20 .
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Rajputana—							***
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represent the number of sers (of 80 tolas) and chittacks sold for one rupes.)

BAG	ANUA OI B) (Aseu ne coro- cana).	B OR	ANGNI KAKUK, TALIAN MILLET Setaria Salica),	CI C K	HENNA, HOLA, AUALAY BUNAGA (Cicer Ternom),		AIZE Hays)		RHAR, O THUK, SADIAN PRA Gganns Gdicus).		SALT.	Districts,	
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000 000	801	14 10 22 8	14 10 22 8 14 —	22 31 28 4 19 61			21 4	34 12 31 8 24 —	24 12 22 8 24 —	11 102 11.12 12 10	11 7 11 13 12 9 1	Dholpur. Bhartpur. Alwar,	
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RETAIL PRICES FOR THE 1st HALF OF AUGUST 1898-continued. (The figures

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Panjab-continu	d.																
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Káthiawár— Rajkot			•	•		10	12 12 -	-	•	. 6	6 6	6 8	14 8	14 15	8 15	8 14 4	13
Central Provi Western— Nimar . Khandwa Hoshangah Betul Chhindwar Nagpur Wardha	ad	• •				13 12 14 12	4 12 - - 12 - - 11 1 3 12	-	000	8 - 8 - 8 -	- 8 - 6 4 11	8 9	- 9 - 10 12 13	11 20 - 18 - 12 19	15 19 18 18 23 9 19	8	21

represent the number of sere (of 80 tolas) and chittacks sold for one rupee.)

	RAGI	ua OR (Elem- coro- no).	OR KA	GNI AKUN, LIAN LET APIG ICS).	CHI CHI EAD OR SI (C	AM, KNNA, OLA, ALAY UNAGA ICOY		(IZE Maye).	CA P	AR, OR HUR, DJAN EA (drins)cms).	3.	ACT.	Districts.
	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month,	Half- month of report.	Pre- vious half- month.	Half- month of report.	half-	Half- month of report	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	
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	*	18 -	16 — 15 — 18 — 10 — 12 — 17 —	14 — 15 — 18 — 10 — 12 — 19 —	23 — 21 — 21 — 22 — 23 — 20 —	20 23 23 23 24 24 21	29 — 36 — 24 — 26 — 24 — 24 —	28 — 28 — 24 — 25 — 24 — 23 —	\$0 \$ \$	\$ \$ \$	12 13 12 — 13 — 12 12 12 — 12 — 13 12	12 12 12 — 13 — 13 12 12 — 12 — 13 12	Submontono Ambala. Ludhiana. Jalandhar. Hoshiarpue. Gurdáspue. Amritsar. Siálkot.
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	* † † 13 –	* † †	13 — 1 17 — 2 7 —	13 - 18 - 18 - 7 -	19 — 15 — 17 — 18 — 26 —	20 — 16 — 18 — 18 — 27 —	24 — 23 — 36 — 24 — 48 —	24 — 23 — 25 — 23 — 50 —	† 13 — † 5 —	† 13 — † 5 —	13 8 11 8 15 - 10 8 18 12	13 8 11 8 14 16 8 20	Northern— Rāwalpindi. Hazāra. Pashāwar. Kohāt. Bannu.
	24 24 + + + + + + + + + + + + + + + + +	24 - 24 -	16 — 28 — 16 —	16 - 30 - 16 -	27 — 19 — 19 — 21 — 20 — 19 — 18 —	28 — 18 — 18 — 22 — 23 — 20 — 18 —	16 - 21 - 10 -	16 — 20 — 16 —	6-	6-	13 — 11 12 12 — 12 — 14 — 12 — 10 —	13 11 8 12 13 8 14 6 12 10	Western— Shahpur. Jhang. Jhang. Multan. Montgomery. Dera Ismael Khan. Muzaffargarh. Dera Ghasi Khan.
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	•		050	000	13 5	14 7	9.94	894	8 14	8 14	81 10	80	Káthiawár— Rájkot
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RETAIL PRICES FOR THE 1st HALF OF AUGUST 1898-concluded. (The Agures

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	Dist	RICT	8.				WH	BAT.	Вли	LEY.	Bei	t sort.	Con	nmon.	(Soi	olum ghum gare),	(Pens	RA OR IMBU Cillaria Tata).
							Half- month of teport.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report	Pre- vious half- month.	Half- month of report	half-	Half- month of report	half-	Half- month of report	
estral Provis	C00-	cont	d.															
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Raipur	• •				-		14 3 14 13 12 —	12 13 14 — 12 —	000	000	14 3 9 13 10 —	12 13 10 — 10 —	16 — 14 13 14 —	14 3 15 — 14 8	860 888 864	565 010 807	094	100
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Secunderabad Bolaram . Chadarghát		• •			•		9 6	9 6 7 14 9 8		:	5 42 5 6	5 42 4 12	6 10 8 7 12 8	8 5	13 — 14 9	13 11 14 9	13 8	10 ~
dras— Valabar Coasi- Malabar S. Canara				:		• •	000	800	500	***	7 5	6 4	8 14	8 t4	16 4	16 4	16 4	16
outh, central- Coimbatore Nilgiris Salem							000	000 000	000	***	000	800	9 2 7 3 8 8	9 8 7 3 8 8	14 10	13 14	15 14	15
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Not sold

represent the number of sers (of 80 tolas) and chittacks sold for one rupee.)

RAC	EUA OR El (Bleu- ne coro- ana).	OR E	IGNI AKUN, LIAN LET aria ica).	GR. CHEI CHO KADI OR SU (Cit	NNA, LA, ALAY NAGA	MA (Zea B	iza days).	ARHAI THU CAD PE (Caja indi	IR, JAN A MMS	Sai	ut.	Districts.
Half mont of repor	h vious	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month	Half- month of report,	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	Half- month of report.	Pre- vious half- month.	
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000 000 000	000	#40 840 840	086 (00 278	18 4 16 — 16 —	18 4 19 — 16 —	900 900	600 600	16 — 16 — 10 —	14 3 18 — 10 —	9 2 9 - 9 4	9 2 9 - 9 4	Bastern— Bil'apur. Raipur. Sambalpur.
000 001 000 000 205	400 400 400 010	000 000 000 000 000	600 600 600 600 600	15 12 15 12 14 4 12 — 14 —	15 6 14 4 13 12 12 — 14 — 12 —	000 000 000 000	000 000 000 000	11 — 13 12 11 , 4 16 — 13 — 28 —	10 — 13 12 12 — 16 — 13 — 20 —	10 — 9 — 11 8 10 — 11 — 9 8	10 - 9 - 11 8 10 - 11 - 9 8	Borar— Buldána. Basum. Akola. Ellichpur. Amraoti. Wup.
24, 4	14, 4			11 30 12 2 13 12	12 3 11 11 13 —		•	9 3	8 15	8 15% 8 12 8 12	8 15 1 8 12 8 12	Nizam's Territories— Secunderabad. Boláram. Chadarghát.
200	000	440	964	885	***	900	600	***	600	12 — 11 14	12 11 14	Madras— Malabar Coast— Malabar. S. Capara.
16 6	***	901	484	000	000	000	010 000	***	***	11 2 10 10 11 5	11 2 10 10 11 5	South, central - Coimbatore. Niigiria. Salem.
18 6 16 - 18 - 15 8	19 6	981 600	60v 60v	689	480 601	500	00°	000	000 000 000	12 11 11 8 12 3 10 2	12 11 11 8 12 3 10 2	Contral— Bellary. Anantapur. Cuddapah. Karnul.
15 8 14 8 18 6 14 16	B 14 8	000	689 689	600 600	485	900	030 680 680	000	000 009	10 12 12 2	10 13 12 2	Bast Coast, worth- Ganjam. Vizagapatam. Godavari.
19 (5 17 14	800	***	00*	### pp1	000	***	000	100	13 3	13 3	Bast Coast, control Kistas. Nollore.
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13 1		007	994 dd+	000	210	400	850	400	049	13 13	14 5	Southern— Tinnevelly. Madura.
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19			000	11 -	11 8	0.04	000	9 5	9 5	9 -	9 -	Coorg. Coorg.

Not sold

J. A. ROBERTSON,
Offg. Director-General of Statistics.
H. H. RISLEY,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

IMPORTS OF COTTON, WHEAT, LINSEED, AND INDIGO.

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rasl and ring.

1st January to 31st July 1898, compared with

Articles and whence		Calcutt	a.		City of Bo	mbay.	1	Karách	i.	1	Tota	
exported.	1896.	1897.	1898	. 1896	1897	. 1898.	1896.		1898	.9.6	1	
									1098	1896	1897	. 1898.
OFTTON		1	1			amport	te in July.					à
COTTON									40			•
By Rail and River—Bengal NW. P. & Oudh Panjab Cont. Provs. Bombay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr. Biysore	5,54 7,84 1,33 1,03(1,28 1,63(3 16,28 6 4,54 3 76	5,71 7 2,21 5.00 6,46	1,65 33 19 35 29 75,90 10,84 2,63 35,03 34,01 7,93	93 8,70 99 4,60 97 75,53 16 3,11 99 4,73	68 1,91 58 4,06 11 69,51 17 5,24 57 8,93	5 3,93 6 7 11,01	100	7004	75,99 11,01 10,84 3,01 1,28 35,65 7,93	27 45.9 54 23.3 69 4.6 77 75.5 15 11.3 16 3.1 55 4.7 63 68,2	55 7,544 9,98, 4,60 69,517 9,423 17 5,241 157 15,300 197 45,519
TOTAL	18,664	38,008	25,41	8 133,55	3 196,51	0 146,032	24,95	0 21,381	15,21	9 (167,16	7 255,98	186,659
A complete as	245 15,216 . 6,431 404 . 630	268	4,28	7,74 6 1,14 6 4 70 3 2,39	4 2,29 4 55 1 1,37 9 3,63	9 4,420 0 3 3 2,696 1 317		000 040 0++ 000 0+4 040	410 410 410 410 410 410 410 410 410 410	24 15,21 7,74 7,57. 50 70 3,02	6 4,69 0 10,68 5 2,29 8 81 1 1,37 0 3,63	795 122 9.645 155 995 15,796 15,796 15,796 15,796 15,996 15,996
TOTAL OF IMPORTS .	41,654	45,299	45,77	145,574	215,04	B 153,851	14,950	-			-	-
		1							15,210	202,176	281,72	214,845
COTTON					Impor	ts from Ja	nuary to	July.				
By Rail and River—Bengal NW. P. & Oudh Panjab Cent. Provs. Bombay Sind Madras Berar Assam Raj. & C. I. Nizam's Terr. Mysore	\$2,103 182,958 29,146 6,794 38 55:333 12,718 10,700	85,147 243,211 59,235 12,277 5 47,125 14,741 34,016 	33,084 129,009 40,152 14,863 69,331 9,074 31,143	234,842 68,010 183,092 2,169,350 44,470 889,035 543,378 18,085 135	12 232,304 57,462 186,737 1,685,481 	21,164 1,155,012 553,529 31,202	185,506	291,675 172,482	328,176	\$2,103 417,801 353,237 189,886 2,169,388 185,506 44,470 944,368 12,718 554,078 18,085	85,159 475,515 408,372 199,014 1,085,480 172,482 193,342 787,393 14,741 814,174 20,558 169	332,243 441,387
		4909737	327,956	4,150,397	3,728,491	4,503,784	451,608	464,157	453,875	4,951,795	4,688,405	5,284,9%
By See— itengal Bombay Sind Madras Burna Non-Br. Ports in ladia Foreign countries	9,363 79,631 11,135 8,873 3,257	15,653 43,001 3,441 5,091	11,673 31,641 10,410 18,239 2,073	59,118 177,700 3,712 2,394 1,100,439 62,890	2,165 38,939 89,899 2,728 561 \$54,961 27,264	16,971 56,458 \$5,784 682,108 39,948	***		28	9,363 138,749 177,700 14,847 11,267 1,100,440 66,147	17,818 82,000 89,899 4,169 6,252 554,061 28,521	11,673 48,640 56,456 16,196 18,239 682,108 42,021
	112,259	67,103	74,036	1,406,253	715,617	801,269	1	***	28	1,518,513	782,720	875,333
OTAL OF IMPORTS .	462,049	562,860	401,292	5,550,650	4,444,108	5.305,053	451,609	464,157	453,903	6,470,368	5,471,125	6,160,245

d by sea into Calcutta, the City of Bombay, and Karáchi, during the month of July 1898, and from responding periods of the years 1896 and 1897.

nicles and whence		Calcutta,		Ci	ty of Bomba	ıy.		Karáchi.			TOTAL.	
exported.	1896,	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
V					1	imports is	Tuly.		-			
							3-31					
WHEAT	1			1		1						
	į											
Wail and River-												
.W. P. & Oudh	46,779	4,772	47,174	104	***	***	160	604	400	46,779	4,772	47,174
injab	30,929) 8,077	76,079	269,741 2,877	150	323	5,225	***	***	494	30,929	70,402	274,966
ent, Provs.	1,008	22,435	2,8//	8,400	1,051	2,824	145,485	246,438	912,494	153,562	269,924	955,863
mbay	900	***	***	17,324	7,351	2,423	***	100	***	10,017	47	3,092
ad . a a	444	***	989	400	941	900	32,181	145,695	282,750	32,181	7,351	2,423 282,750
adras • • •	000	000	440	***	945	960	***	***		***	-401030	
sam · · ·	***	100	000	25	3	71	000	***		25	1	71
1. & C. I	78	***	46	000	911		200	***	100	78	***	46
aria's Terr	800	***	200	15,305	3,108	8,247		0.00	(10	15,305	2,108	8,247
)10TC + + +	***	***	***	***	610	684	***	000	***	000		664
							- "	0.00	844	5	968	000
TOTAL .	87,470	103,286	320,106	41,065	10,881	59,282	177,666	392,133	1,195,244	306,200	506,300	1,574,632
ngal .	}	75		1	1							
mpay .	***	73	100	pas	000	000	42	1+8	***	40	75	910
nd	444	414	***	79,686	145,246	34,541	111	001	***	79,680	145,246	34,541
adras	494	***	***		***	***	***	400		199000	-401-40	941941
(ma , , , , , , , , , , , , , , , , , , ,	444	***	400	500	V'		060	***		***	***	201
m-Br. Ports in India	***	***	103	010	1,683	803	000	000	100	***	1,683	010
ing countries .	> 0 0	***	***	2,337	3,609	•••	2,370	004	000	4,707	3,609	***
TOTAL .	***	75	p01	82,023	150,538	34,541	2,412	***		84.435	150,613	34,541
L OF IMPORTS .	87,471	103,361	320,106	123,086	161,419	93,823	180,078	392,133	1,195,244	390,635	656,913	1,609,173
<u> </u>				1	mporte fro	m Januar	y to July.					

WHEAT										1		
Rail and River— engal W. P. & Oudh anjab ent. Provs. ombay nc accas erar ssam onj. & C. I. viann's Terr.	249,996 625,712 79,004 41,128 5,046 78	101,825 636,990 42,741 26,854 	492,725 3,696,975 122,434 1,072 840 70	8,585 14,489 623,464 996,466 33,419 552,155 1,032 4,596	222 71,118 18,035 23,126 172,996 152 46,955 27	2,238,980 934,613 1,366,092 1,245,229 27 7,277 412,678 1,345	1,027,781 554,767	671,286	134,616 6,147,884 1,329,835	249,996 634,297 1,112,274 664,592 990,406 554,767 38,465 78 552,155 1,032 4,598	102,047 708,108 732,062 49,986 172,996 414,767 152 47,233 27	492,725 6,070,573,7,204,931 1,367,704,931 1,245,229 1,245,229 1,245,229 2,7,277 840 412,748 1,345
& TOTAL .	991,964	808,688	4,314,716	2,234,148	332,631	6,206,241	1,582,548	1,086,053	7,612,335	4,808,660	2,227,372	18,133,292
Sea- tagal ombay ind ladras toma om-Br. Ports in India oreign countries	804	75 82,152	***	4,659 415,228 268,164 139,717 38,590 18,370	5,051 451,582 12,018 52,070	15 57,679 456,777 78 289,277	822 860 21,256 5,077	35	96 890	6,285 416,038 268,164 139,739 59,848 23,447	84 5,051 451,617 12,018 135,438	78 57,775 450,777 78 5 290,167
TOTAL .	806	82,237	. 5	884,728	520,730	803,858	28,037	1,251	986	913,571	604,208	804,849
AL OF IMPORTS .	992,770	890,915	4,314,721	3,118,876	853,361	7,010,099	1,610,585	1,087,304	7,613,321	5,722,231	2,831,580	18,938,141

Statement of the Quantity (in hundredweight) of Cotton, Wheat, Linseed, and Indigo imported by rail and riversely 1898, compared with the

Acticles and whence		Calcutta	•	C	ity of Bom	bay,		Karáchi.			TOTAL.	
exported.	1896.	1897.	1898.	1896.	1897.	1898,	1896,	1897.	1898.	1896.	1897.	1896
						Imports is	July.		-			1
of the			1		1	1						
LINSEED										1	-	
By Rail and River-												
Bengal NW. P. & Oudb	107,251	129,489	364,419		9,825	27,893	***	000	***	266,637	300,740	
Panjab	001	901	0.414.3	004			818	992	961 525	110,251	139,314 992	333.
Cent. Provs.	2,557	999	000	6,306	9,916 5,045	16,383		000	000	8,863	9,916	1
Sind		899	001	***	111		990	***	610	28,102	5,045	
Madras	000	2,019	000	275	2,653	810	500	401	***	375	.,.	***
Assam	4,081	12,000	5,126	9,356	2,033	12,170	800	400	200	9,356	4,672	12,1
Raj, & C. l	864			4,238	4,989	16,340	100	***	***	4,238	12,009	
Mysore .	990	000	000	16,399	397	8,347	450	***	***	16,399	397	8,3
			***	***	446	***	0.00	99.0	900	•••	000	601
Total .	380,526	444,257	969,657	67,676	32,825	111,256	818	992	1,486	449,020	478,074	1,680,39
By Sea-												
Bengal Bombay	994	994	150	100	090	•••	***	669	000	000	614	13
Sind , .	000	***	100	***	18	119	411	000	900	000	*** 18	116
Madras .	000	200	400	***	***	941	100	400	400	111	***	15
Nun-Br. Ports in India	000	004	***	000	670	6.	610	100	940	***	000	101
Foreign countries .	400		***	91	843	***	***	444	***	91	670 843	000 #10
TOTAL .	000	000	150	91	1,531	119	***	***	***	91	1,531	260
OTAL OF IMPORTS .	380,526	444,257	969,807	67,767	34,356	111,375	818	992	1,486	449,111	479,605	1,082,568
					Imports	from Jan	lary to Ju	ıly.			1	
LINSEED]		1			1	1		-	1	1
ly Rail and River-						•						
Rengal	1,406,995	1,221,967	2,055,279		994	1 404				. 406		
NW. P. & Oudh .	388,974	439,016	833,120	12,276	29,710	167,116	1,220	101	1,761	1,406,995 402,479	1,221,967 468,726	2,055,27
Cent. Provs	469 84,420	1,439	27,005	297,637	81,046	171	10,976	2,243	1,018	11,470	2,243	1,7%
Bombay	194	101	-770-5	1,369,877	73,604	503,337	000	494	884	382,057	82,455	520,95
Sind	***	000	***	96,863	***	440	215	18	000	215	73,004	320,90
Berar	63,755	4,229	***	668,053	33,312	25,347	000	001	000	96,863	48	=5,34
Assam	29,222	24,784	29,112	***		***	***	***	***	731,808	37.548	249,23
Nizam's Torr.	100	7	19,454	183,311 539,104	30,170	246,822 163,703	***	900	800	183,311	84,127	260,27
Mysore	000	***	***	164	201		***	***	***	539,104 164	30,176	163,70
TOTAL .	1,974,029	1,691,442	2,963,970	3,167,310	332,016	1,882,736	12,420	2,261	3,379	5.153.759	2,025,719	4,850,05
See-												
Bengal	433	040	1,003	175	644					608		1,00
Bombay	000	***	600	1,116	1,641	601	70	16	12	1,186	1,657	. 10
Stadras .	208	600	400	2,729	327	437	124	***	461	2,729	327	45
Burma .	600	***	004	***	***	001	404	***	000 000	308	001	200
Non-Br. Ports in India Foreign countries	4	890	200	19,609	4,532	1,811	0.00	***	240	19,609	4,532	1,81
				apoar	5,123	996	***	***	0.00	1,025	5,123	99
TOTAL .	645	***	1,003	24,650	11,623	3,845	70	16	12	23,365	11,639	4.50
TAL OF IMPORTS .	1,974,674	1,691,442	2,964,973	3,191,960	343,639	1,886,581	12,490	2,277	3,391	5,179,184	2,037,358	. 2010

d by sea into Calcutta, the City of Bombay, and Karáchi, during the month of July 1898, and from responding periods of the years 1896 and 1897—contd.

rticles and whence		Calcutta,		City	y of Bombay	у.		Karáchi.			TOTAL.	£ 0
exported.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
1						Imports i	n July.					
INDIGO					0							= -(-
Rail and River-			1						i			-
A 6	45	38	21	010	688	000	100	910	400	45	38	21
M.W. P. & Oudin . 1	23	46	***	***	2	14	155	S54	254	155	46 556	268
enjab	400	000	***	0.00	8		111	411	-34		8	414
Sombay	400	***	100	68	1	231	000		***	68	1	231
aind a e	440	400	141	411		100	350	596	397	350	596	397
Madras	936		699	68	91	21	0.00	000	000	68	21	21
Berar a s	404		600	000		001	***	***	***	444	440	***
seam · ·	401	200	001	0.41	***	***	* = 4	***	***	004	***	*40
kaj, & C. I.	***	404	001	800	37	***	***	****	944	000	37	***
Nigam's Lere.	444	001	*11	***	460	404	44+	***	000	000	0.00	149
Mysore • • •	***	***	***	***	***	000	***	***	***	***	000	***
TOTAL .	68	84	21	136	69	26 6	505	1,150	651	709	1,303	938
y Sea-												
Bengal	400	4++	001	***	9 0 0	001	000	***	***	000	***	000
Bombay	000	400	***	745	929	951	040	400		745	929	958
Madrail .	***	000	901		111	111	***	***		000	***	000
D. amen	054	400	***	***	***	240		000	200	***	4 9 9	1000
Non-Br. Ports in India	***		***	*1*	***	0.00		0.00	960	400	0.01	100
oreign countries .	161	000	000	10	540	600	***	***		10	***	•••
TOTAL .	040	***	***	755	929	951	•••	***	200	753	929	95
TAL OF IMPORTS .	68	84	21	891	998	1,217	505	1,150	631	1,464	2,232	1,88

Imports from January to July.

INDIGO								+				
y Rail and River- Bengal NW. P. & Oudh Penjab Cent. Provs. Bombay Sind Madras Berar Assam Raj, & C. I. Nuzm's Terr. Mysore	13,262 2,458	16,372 2,984 308	9,734	6 5 5 1,818 485 243 82	70 8 529 55	24 24 1,409 327	5,314	2,426	2,697	13,262 2,464 4,909 1,818 5,314 488 	16,372 2,984 2,864 8 529 1,951 55 	9,734 4,353 2,731 1,409 2,738 32)
TOTAL .	15,722	19,664	14,085	2,642	829	1,922	10,318	4,377	5,435	28,582	24,870	21,442
ly Sea— Bengal Bombay Sind Madras Burma Non-Br. Ports in India Foreign countries	3	000 00' 000 000 000 000	30	3,995 12 250	8,943 25	20 2,481 35	42	178	### ### ##############################	33 42 3,995 15 3 250	178 1,943 25	3,48: 40
TOTAL .	14	***	35	4,279	1,968	2,536	45	178	000	4,338	2,146	2,57
OTAL OF IMPORTS.	15,736	19,664	14,120	6,921	2,797	4,458	10,263	4,555	5,435	33,920	27,016	24,013

J. A. ROBERTSON,
Offg. Director-General of Statistics.

T. W. HOLDERNESS,
Secretary to the Government of India.

Calcutta, the 22nd September 1898.

GOVERNMENT OF INDIA FINANCE AND COMMERCE DEPARTMENT

Total Gross and Net Indian Sea and Land Customs Revenue (excluding Salt Revenue).

[In thousands of Rupees]

The second secon				THE FIVE		, APRIL T	o August	, 0#	The state of the s	
	1889-90.	1890-91.	1891-92.	1892-93.	1893-94	. 1894-95	1 -0	1.0.		
IMPORTS (GROSS REVENUE)			1091-951	109293.	1093794	1094-95	1895-96	1896-97.	1897-98	1898-99
Arms, Ammunition, and Militar					1					-
Liquors:	80	1,07	1,23	1,17	1,19	1,25	1,29	1,46	1,39	1
Spirit	00.00									1,21
Other liquors	20,10	22,31	20,28	22,75	20,90		-41-1	0.0	23,28	25,35
Apparel, including haberdashery and	2,50	2,53	2,83	2,58	2,68	2,26	2,64	2,43	2,39	
millinery	_		_	_	_	2,59	2,62			245
Chemical products and preparations	_			-		1,07		-119	1,82	2,11
Cotton manufactures:						1,07	1,00	1,03	1,05	1,12
* Twist and yarn	-		_	_		-	5,84		-	7
Piece goods, grey	-	_	_	_	_	-	25,91	22,29	16,00	-
white	-		400.	-	- 1	_	9,12	8,73	6,58	18,74
coloured	-			-	-	_	9,06	1	4,76	7.43
Other goods	- 1		-	_	-	_	1,02	68	45	1142
Drugs, medicines, and narcotice	-	_	-	-	_	1,20	1,23	1,37	1,42	53
Dyeing and tanning materials .	- 1	_	_		nem .	1,05	1,52	1,49	1,49	1,33
Glass and glassware.	-	_	_	_		1,30	1,44	1,68	1,06	1102
Hardware and cutlery	-	_	-	_	-	3,05	2,84	3,18	2,83	1,26
										3,00
Copper	-	-		-	-	1,57	3,09	1 2,62	2,40	207
Iron and steel	-	-	-	-	-	99	1,74	1,68	1,63	2,07
Tin	-	-	-	-	_	15,95	12,58	10,20	15,97	15,68
Other metals	-	-	-	-	_	56	53	53	47	34
Oils: Petroleum	-	-	-	-	-	1,75	1,21	85	97	Lito
Paints and colours	6,85	5,95	6,65	6,68	6,77	5,05	19,81	14,82	18,20	17,88
Paper	-	-	-	-	-	68	70	80	60	70
Provisions	-	_	-	-	-	84	1,02	1,06	69	95
Silk raw and manufactured			-	-	-	1,94	3,04	2,94	3,16	2,68
Spices			-	-	-	4,72	5,44	5,19	3,45	3:53
Stationery	_		-	-	-	1,68	1,13	1,31	2,71	1,67
Sugar	_	_		Para I	-	57	58	69	45	47
Tea			-		-	3,86	7,28	4,71	7,05	5.73
Umbrellas	_	_		-	-	94	63	59	42	38
Wood and timber	_	_	-	-	-	92	82	73	71	56
Woollen goods	_	_	_	-	-	46	54	49	45	25
Imports by post	1	1		_	-	2,32	2,12	2,45	1,65	2,27
All other articles	1		111	141	1	51	57	58	57	63
			1	1	6	7,62	9,09	8,97	8,88	8,92
Total .	30,33	31,88	31,00	33,19	31,61	88,45	1,61,70	1,41,19	1,34,07	1,40,47
EXPORTS (GROSS REVENUE)										-Market I
Rice and rice-flour	29,81	37,22	35,86	25,14	30.27	35,02	24.27	00.00	00.00	
TOTAL GROSS REVENUE					30,21		34,71	31,28	20,70	42,80
****	60,14	69,10	66,86	58,33	61,82	1,23,47	1,96,41	1,72,47	1,54,77	1,83,27
TOTAL NET REVENUE	58,50	67,31	64,56	56,71	59.79	1,20,63	1,91,95	1,67,15	1,50,98	
			17.0	3-17-	39119		-19-195	2,0/,15	*,50,90	1,79,46
Provincial distribution of Net Customs										
Revenue	1						1			
Bengal Simport	9,58	9,93	10,33	11,56	10,34	22,08	62,79	50.00	42.29	0.
Export .	5,36	6,93	6,38	5,17	5,94	5,76		52,92	47,38	54.83
CImport .	7,63	9,01					7,51	5,57	2,45	7,07
Bombay . Export	85	68	8,72	8,97	9,72	44-43	57.63	53,91	51,97	50,96
Super III Clampart			46	68	70	1,20	1,07	1,18	1,00	1,57
Sind Export	2,54	2,97	2,65	2,59	2,66	4,81	8,55	8,60	7.93	8,86
	23	33	27	28	22	24	25	13	28	бі
Madras . Simport	4,51	5,23	4,27	4:44	4,15	8,61	16,14	10,41	13,10	10,76
Export .	2,72	1,88	1,78	1,60	2,07	3,21	2,20	3,34	5,13	2,28
Burma SImport	5,15	3,94	4,01	4.71	3,67	6,53	12,90	10,95	10,62	12,50
· Export	19,93				20,32	23,76				30,02
				/-	,3-	-31/0	22,91	20,14	11,12	3-1

FINANCE AND COMMERCE DEPARTMENT
September 21, 1898.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weather Review of India for the Week ending at 8 a.m. on Saturday, September 17th, 1898.

Unlike last week the weather during the period under review has been a good deal disturbed. It will be remembered that on the last day of the previous week there were indications of a storm over the north-west of the Bay. On the first day of the present week a well-defined storm was shown off the Circars Coast, and during the next three days this storm intensified and advanced north-ward to the Orissa Coast. The centre crossed the coast on the 13th and thence passed north-north-westward through West Bengal, breaking up in North Bihar during the 16th. The storm was a fairly deep one and gave heavy rain and strong winds to Bengal and Bihar. On the opposite side of India the weather was also disturbed. Heavyish rain fell over Kathiawar on the 12th and a shallow storm subsequently formed there. This storm held until the 16th, and during the period of its existence good rain was received over. North Bombay and Southern Rajputana. During the period these two storms were in existence the weather was showery over those parts of the country not directly affected by the disturbances, but in Madras the showers were less general and heavy than in other places. The heavy rainfall in North-East India and North Bombay in the latter half of the week and the showery weather over other parts of the country reduced temperature considerably, and the mean of the whole country on the 14th, 15th and 16th was 1° to 1½° below the average.

Daily Summary.—Sunday, September 11th.—The barometer had fallen briskly over the north-west of the Bay, but elsewhere the changes were not important. A well-defined but shallow cyclonic storm lay off the North Madras Coast. The winds were cyclonic in the neighbourhood of the storm, but blew from the usual monsoon directions elsewhere. The mean temperature was higher than usual over the greater part of North-Western and Central India and around the north of the Bay, but was lower than usual elsewhere—more particularly in Assam and North Bengal. Upper India reported hardly any rain, but elsewhere the weather was rainy to showery, the amounts being heaviest in Bombay and Burma.

Monday, September 12th.—Pressure continued to give way briskly around the north-west of the Bay and had increased briskly over Lower Burma, but elsewhere the changes continued slight. The storm at the head of the Bay had grown deeper and had moved slightly northward. The winds were practically unaltered, but the force was increasing around the north of the Bay. The mean temperature was high for the time of year over North-Western and Central India, low over the Peninsula and Burma and about normal elsewhere. The rainfall distribution had been generally similar to that of the preceding day, but the amounts were larger both in North Bombay and in Madras.

Tuesday, September 13th.—The barometric changes had been considerable to large over several parts of the country. The fall had been brisk to rapid over South-West Bengal and neighbouring districts and brisk in Kathiawar, while the rise had been brisk in Burma and the Deccan and brisk to rapid in the Punjab. The Bay storm had grown much deeper and was crossing the Orissa Coast. At the same time there were signs of the commencement of a storm over Kathiawar. The winds over a large part of the country were influenced by the Orissa storm and blew from cyclonic directions. The mean temperature was high over the Western desert, low over the Peninsula, Burma and the North Punjab and about

normal elsewhere. Rain had suddenly extended north-westward along the foot of the Himalayas, but otherwise the rainfall distribution was generally similar to that on the 12th. Heavy rain was falling over the Circars, the West Coast and North Bombay.

Wednesday, September 14th.—The barometer had risen briskly to rapidly over Madras and Orissa and fallen very rapidly over West Bengal. These changes were due to the northward movement of the storm, the centre of which lay near Chaibassa. The storm over North Bombay had developed somewhat, though it was still a very shallow disturbance. Strong cyclonic winds and gales prevailed over North-East India, and a feeble cyclonic circulation was shown over Kathiawar. The mean temperature remained high over the Western desert, but was generally below the normal elsewhere. At Jacobabad the variation from the normal was $+5.6^{\circ}$, at Rawalpindi -7.8° and at Chaibassa -6.2° . In the Punjab, Rajputana, Sind and Madras what rain had fallen had been light and scattered, but elsewhere the fall had been general and in places heavy.

Thursday, September 15th.—The storm had advanced northward into Bihar, so that the barometer had fallen rapidly in Bihar, while it had risen rapidly to very rapidly over Chota Nagpur, Orissa, etc. Elsewhere there was not much change. The shallow depression over Kathiawar was still shown. Cyclonic winds and gales continued over Bengal, westerly winds across the Peninsula and variable winds elsewhere. The mean temperature was high over the Western desert and Tenasserim, normal over the central parts of the country and low elsewhere. Rain had fallen heavily in West Bengal and had been received generally, except in Upper Burma, the west of the North-West Provinces, the east of the Punjab, West Rajputana, Sind and greater part of Madras. In North Bombay the fall continued fairly heavy.

Friday, September 16th.—The barometer had fallen briskly over Burma and Assam and risen briskly to rapidly over West Bengal and the adjoining districts of the North-West Provinces, the Central Provinces and Madras. The Bengal depression had continued to move northward and the centre lay over Patna, while the Kathiawar depression had almost filled up. The cyclonic winds in the neighbourhoods of the two storms had almost ceased and westerly winds prevailed over the greater part of India, though in part of Bengal the directions were southerly to easterly. Calms were reported from several Burma stations. The mean temperature was more or less low, except in parts of Sind, Rajputana and the south of the Peninsula. The deficiency was large in the Punjab, Bihar and Central Burma. The Punjab, Sind and the greater part of Madras were without rain. Elsewhere rain had been more or less general, the fall being excessively large in North Bihar.

Saturday, September 17th.—Pressure had given way over Burma and the head of the Bay, but had increased elsewhere. The Bengal and Kathiawar depressions had disappeared, but a fresh shallow depression had appeared over Central Burma. The winds were generally between north-west and south-west, but along the West Coast and in Burma they were variable and in North Bengal easterly, while along the foot of the North-West Himalayas calms were reported. The mean temperature was high over Rajputana and the neighbouring parts of the Punjab, Sind and Central India, over the south of the Peninsula and over Tenasserim, but was low for the time of year elsewhere. The deficiency was very large in North Bihar. The weather had been practically rainless over the Gangetic Plain, North-West India and North Madras, but elsewhere showers had been more or less general. The only large amounts were, however, reported from parts of Bengal.

Temperature.—There were only two districts in India where the temperature was steady throughout the week. One was Bengal where rain fell daily and where the mean temperature was steadily low throughout the week, the other was the Western desert where no rain was received during the week and where the heat was daily greater than usual. In all the remaining districts the mean temperature varied above and below the normal as the rainfall was heavy or light.

The following table gives temperature data for the week:

Province.		1	SE	PTEMBER	1898.		~	Mean variation
	11th	12th	13th	14th	15th	16th	17th	of week.
	0	0	0	٥	0	0	0	6
Burma	-0.3 -1.3	-0.3 -0.3	2·2 0·4 +0·2	-2·1 -2·7 -1·6	-0·4 -4·4 -1·5	+03 -2.7 -2.6	+0.4 -2.3 -0.8	-0 9 -2:0 -1:0
Punjab. Bombay Central Provinces and Berar Central India and Gujarat Sind and Rajputana Madras	+2'9 -1'5 +1'3 +2'2 +3'8 -0'9	+3.0 -1.7 +1.1 +1.8 +2.9	+0.2 -1.7 +0.2 -0.5 +2.2 -2.2	-1.6 -1.1 -0.6 -0.2 +1.8 -1.0	-3.0 -0.2 -0.8 -1.3 +0.7 -1.1	-3'9 -0'1 -0'6': -1'0 +0'9 +0'5	-1·1 +0·4 -0·9 -0·5 +2·2 +1·1	-0.2 -0.1 -0.1 -0.8
Mean for whole of India .	+0.6	+0.4	-0.2	-1.0	-1'4	-1.0	-0.3	- 0'4

The mean temperature of the whole country was about ½° above the normal on the 11th and 12th and between ½° and 1½° below on the remaining days. The greatest deficiency was on the 15th. The provincial variations show that the mean temperature of the week was higher than usual over Sind and Rajputana, lower than usual over Bengal, Assam and the North-West Provinces and about normal elsewhere.

Rain.—During the week under review cyclonic weather with heavy to very heavy rain has prevailed over North-East India and cyclonic weather with moderate rain over North Bombay. In other parts of the country conditions have been quieter, but over the Peninsula, the central districts and North-West India more or less general showers have been received during the greater part of the week. The rainfall returns for the week show that rain fell daily over nearly the whole of Burma-heaviest on the first three days. In Assam rain was received on most days, but the amounts were only moderate. In Bengal and Bihar daily rain was also received, the amounts being particularly heavy on the 14th and 15th. In the North-West Provinces the 14th, 15th and 16th had general rain and the remaining days scattered showers, while over the Punjab there were only scattered showers throughout. In the south of the west coast districts the rainfall was confined to the early days of the week, but the Konkan and the Deccan had daily showers which on some occasions were heavy. The central districts of India and North Bombay also received daily rain, while Madras had only scattered showers. The concluding table shows that no rain whatever fell during the week in Sind and Baluchistan, but that all the remaining divisions received effective rain. These effective amounts ranged from 15 15 inches in the Bengal Hills, 901 inches in Tenasserim and the Konkan, 844 inches in North Bihar, 823 inches in North Bengal, 810 inches in the Assam Hills and 7.04 inches in Gujarat, to 0.20 inch in South Madras, 0.35 inch in the Central Punjab and 0.41 inch in the West Punjab and the west of the North-West Provinces. The third column of the table shows that the average actual rainfall of the week exceeded the normal average rainfall in thirty-six of the rainfall divisions as compared with thirty-two divisions last week. The area of excessive rain included all the Burma divisions, except Arakan, the hill division of Assam, all the Bengal divisions, the east and east-submontane divisions of the North-West Provinces, the south, submontane, north and west divisions of the Punjab, Coorg, the Konkan, the Bombay Deccan, Khandesh, all the Central Provinces divisions, Berar, Gujarat, Kathiawar, Central India, Rajputana, the north and central divisions of the east coast and the south division of Hyderabad. excess was more than it inches in the Bengal Hills, over 6 inches in North Bihar

and over 5 inches in the Konkan and Gujarat. In all the remaining parts of the country, the rainfall was lighter than usual, but, except in parts of the North-West Provinces and of the South-East Punjab, the deficiency was small.

The three concluding columns of the table give the actual and normal average rainfall for the whole monsoon period from May 29th to September 17th. The rainfall for this period has been excessive (20 per cent. or more above the normal) in the following divisions, vis., both the Bihar divisions, the east and east-submontane and the central divisions of the North-West Provinces, both the Oudh divisions, the North Punjab, the Bombay Deccan and the north of the east coast; it has been deficient (20 per cent. or more below the normal) in Upper Burma, the South-East, South and West Punjab, Coorg, Mysore, Kathiawar, Sind, Baluchistan, Rajputana, the west of Central India and the south and south-central divisions of Madras and has been about normal elsewhere.

The principal large totals this week are as follows:

					51				
Burma			٠	Moulmein .				9.01	inches.
				Rathedaung, Akyab				11'02	23
Assam		٠		Cherra Poonjee				31.65))
Bengal		0		Panchbibi, Bogra	•			11.30	2)
				Matabbanga, Cooch	Beha	r		19.80	33
				Purnea			٠	22'53	4 22
NW. P.		٠	٠	Zamania, Ghazipur				6:59	13
				Gorakhpur .		135E	20	6.20	31
Punjab	0			Nakodar, Jullundur				4.03	1)
				Pathankot .				4'31	3)
West Coast	,		P	Pen, Colaba .				18:34	22
				Bavda, Kolhapur				19.12	31
Central distri	icts			5				8.15	31
				Seoni				7'58	,,
North Bomba	y			Pardi, Surat .			٠	15.72	20
Madras .				Cumbum, Kurnool		•		9.48	33
				Balleguda, Ganjam				8.31	37

		RAIMFAU	DATA FOR WE	ER ENDING	RAINFALL DATA FROM MAY 19TH TO SEPTAMBER 17TH, 1898.				
PROVINCE. *	DIVISION,	Average actual cainfail of division.	Average normal rainfall of division.	Excess or defect in inches.	Average actual raintall of sesson to date.	Average nor- mal rainfail, May 23th to September 17th.	Excess or defect of (sea sound) rais fait expresse as a per-		
- 19						•			
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent		
BURMA	1. Tenasserim 2. Lower Burma Deltaic 3. Central do. 4. Upper do. 5. Arakan	9°01 5°03 2°20 2°00 4°36	7.08 2.84 2.03 1.96 6.60	+ 1'93 + 2'19 + 0'17 + 0'04 - 2'24	150°71 79°35 43°15 25°76 163°36	146'72 73'03 45'09 41'32 153'33	+ + - 3 + 3		
BRHGAL AND ASSAM .	6. Eastern Bengal 7. Assam Surma 8. Do. Hills 9. Do. Brahmaputra 10. Deltaic Hengal 11. Central do. 12. North do. 13. Bengal Hills 14. Orissa 15. Chota Nagpur 16. South Bihar 17. North do.	4 72 3'00 8'10 2'24 3'92 4'71 8'23 15'15 4'46 6'01 5'58 8'44	2'62 5'04 5'92 2'52 1'95 2'43 3'88 3'80 2'58 2'44 1'91 2'39	+ 2'10 - 2'04 + 2'18 - 0'28 + 1'97 + 2'28 + 4'35 + 11'35 + 1'88 + 3'57 + 3'67 + 6'05	72°25 76°72 92°79 59°71 43°83 47°83 76°69 107'57 48°16 45°29 48°49	65 87 86 87 106 92 57 16 41 31 41 50 71 26 103 34 38 76 40 82 33 92 38 58	+ 10 - 12 - 13 + 13 + 20		
NORTH-WESTERN PROVINCES AND OUDE.	18. NW. P. East 19. South Oudh 20. North do. 21. NW. P. Central 22. Do. West 23. Do. East Submontane 24. Do. West do. 25. Do. Hills	3.58 1.08 0.71 1.22 0.41 3.73 0.68 0.63	2'10 1'70 1'91 1'61 1'09 2'09 1'45 1 25	+ 1'48 - 0 62 - 1'20 - 0'39 - 0'68 + 1'64 - 0'77 - 0'62	46'40 40'03 45'18 38'26 21'62 40'34 34 4' 39 77	31 37 29 47 31 80 28 48 21 82 33 21 3 64 25 15	+ 4 + 3 + 4 + 3 + 4		
Punjab	26. South-East Punjab	0°55 0°86 0°35 1°37 1°08 1°29	1'27 0'76 0'73 1'0' 1'04 0'60	- 0'72 + 0'10 - 0'38 + 0'37 - 0'86 + 0'60 + 0'21	12 93 8 39 12 48 21 35 52 86 14 56 4 15	19 07 12'61 13'30 22 02 53'52 11'42 5 73	- 3 - 3 - 4 - 2		
SOMBAY AND MALABAR COAST DISTRICTS (MADRAS).	33. Malabar 34. Madras South-Central 35. Coorg 36. Mysore 37. Konkan 38. Bombay Deccan 39. Hyderabad North 40. Khandesh	2'44 0'75 3'61 0'74 9'01 2'15	2'45 1'57 2'94 1'7 3'96 1'22	- 0'01 - 0'82 + 0'07 - 0'33 + 5 05 + 0'93 - 1'02	80'94 15'16 72'30 1 76 114'73 20'00	91.48 20.33 102.46 20.87 104.06 20.05	- ! - 2 - 2 + ! + 2		
CENTRAL PROVINCES AND BERAR.	41. Berar 42. Central Provinces West 43. Do. do. Central 44. Do. do. East	3.16 2.74 2.60 2.00	1.51 2.26 2.24 2.04	+ 1.65 + 0.48 + 0.36 + 0.05	25 96 36 54 52 61 44 74	30 of 34 56 45 og 43 59	- I + I + I		
BONBAY (NORTH)	45. Gujarat	7°04 4'68 0	1.80 0.11 0.11	+ 5'24 + 3'91 - 0'11	42'50 13 94 3 63 0'52	30°50 18°08 4°80 2°16	+ - 2 - 2 - 7		
RAJPUTANA AND CRH-	49. Central India Bast 50. Rajputana Bast, Central India West. 31. West Rajputana	2°55 1°47 0°92	1·12 0·74	+ 1.43 + 0.73 + 0.48	38·59 10 76 6 93	32 53 25 09	+ 1 - 3 - 3		
Madras	52. East Coast North 52-A. Do. do. (a) 53. Hyderabad South 54. Madras Central 55. East Coast Central 56. Do. South 57. Madras South	2.88 0 1.37 0.82 1.03 0.61	1.66 2.29 1.15 0.99 1.01 1.01 0.52	+ 1'22 - 2'29 + 0'22 - 0'17 + 0'02 - 0'40 - 0'32	26 66 30 15 20 59 12 30 13 93 1 88 4 99	21*60 44 96 18 40 13 68 13.73 13.24 5 82	+ 2 - 2 + 1 + 1 + + 3		

W. L. DALLAS,

Asst. Meteorological Reporter to the Government of India.

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

Weekly Report on the state of the Season and Prospects of the Crops.

Madras.—For week ending 17th September.—The rainfall was heavy over the greater part of the Circars; good on the west Coast, in parts of the Deccan, the Carnatic, and the Central districts; and light or none elsewhere. The water-supply is generally sufficient, except in parts of the Southern districts, but more rain is wanted in many places for cultivation of wet crops. Ploughing and sowing are proceeding briskly over wide areas, but are still retarded in the Southern districts. The standing crops are thriving except in the south. The harvest of early crops is yielding a fair to middling outturn. Pasture is generally sufficient. Fodder is scarce in many places. Cattle are generally in fair condition. Prices are falling generally. The numbers on relief in Nellore were:—workers—110 men, 95 women, 79 children. Dependants—fed at kitchens—3 men, 6 women, 29 children. Grand total 322. Loans disbursed during the week Rs. 216.

Bombay.—For week ending 21st September.—The rainfall was good and beneficial to the crops in all districts of the Presidency Proper, but was slight in parts of Sind. More rain is wanted in parts of four districts. The standing crops have been damaged by drought or rats in parts of Sind and by excessive rain in parts of Baroda territory. The reaping of the early crops is progressing in two and preparation for late crops or sowings in eleven districts. Fodder is sufficient, except in parts of Karachi and Hyderabad. Agricultural stock is healthy. Prices have risen in three and fallen in five districts. The price of jowari in Sholapur was 16\frac{1}{2} and in Ahmednagar 16\frac{1}{10} seers per rupee. The average number of relief workers in Sholapur was 13,211, of whom 4,045 are men, 7,606 women, and 1,560 children. On gratuitous relief—Sholapur—5,708, of whom 2,195 are men, 2,424 women, and 1,089 children. On test work—Ahmednagar—64, of whom 28 are men, 23 women, and 13 children.

Bengal.—For week ending 19th September.—There was heavy rain accompanied by high wind throughout the Province during the week. Heavy floods are reported from the Patna division, especially from Muzaffarpur and Champaran, and have done considerable damage to the autumn crops in some places. The rice crop has also been submerged in Noakhali and some damage is also reported from excessive rain. The general prospects of the crops in all other parts of the Province are favourable. The autumn crops are being rapidly harvested and new rice and indian-corn are selling cheap in Champaran. Prices, which rose last week owing to the floods, have fallen slightly. Cattle are generally in good condition, except in the flooded tracts.

North-Western Provinces and Oudh.—For week ending 21st September.—The rainfall has been lighter during the week, except in the Eastern and South-Eastern districts. Harvesting of the early autumn crops is nearing completion. The standing crops are flourishing. Preparation of fields and ploughing for the spring crops continue. Prospects are good everywhere; markets are well stocked; fodder is sufficient; and prices are stationary or falling.

Punjab.—For week ending 21st September.—Rain ranging from 2½ inches to 10th of an inch on the average has fallen all over the Province. Irrigation of the autumn crops is going on in Lahore. The rice crop is being harvested in Amritsar. Ploughings for spring crops have generally commenced and sowings of rapeseed and other inferior spring crops are also in progress. The condition and prospects of the standing crops are generally reported good. The standing crops have been benefited by the recent rain, but more is still wanted in most

districts. The crops have totally dried up in parts of Hissar and Dera Ismail Khan, and the prospects of other crops are average to poor in Rawalpindi and in parts of Dera Ismail Khan. Irrigated crops are flourishing. Cattle are generally in good condition. Fodder is sufficient throughout the Province. Prices, especially of wheat, are rising in Lahore and Dera Ismail Khan and are falling in other districts, except Ferozepore, Mooltan, and Shahpur, where the figures are unchanged. Wheat is selling from 15 to 21, gram 19 to 22 to 30, bulrush-millet 16 to 24, maize 18 to 29, great millet 20, and rice 11 to 12 seers

Central Provinces.—For week ending 20th September.—The weather was generally clear and warm with occasional light showers. The break, which has set in towards close of the week, is improving the prospects of the standing crops in the Northern districts. More clear weather is required in Jubbulpore, Hoshangabad, Chanda, Bhandara, and Balaghat. The juar crop in Hoshangabad and the rice crop in parts of Chanda and in lowlying lands in Bhandara have been slightly damaged by excessive moisture; in the Hinganghat tahsil of the Wardha district til and castor-seed have been washed out of the ground by the heavy rain. The early millets are being harvested in Mandla, Nimar, and Chhindwara. The prospects of the standing crops continue generally good, but insects are doing some damage to rice in Bhandara and Balaghat. Weeding continues in four districts and is approaching completion in two. Preparation of land for winter sowings continues in twelve districts. Sowing of cold weather juar and til is in progress in Chanda. Prices are generally steady. Wheat, rice, and juar show a slight tendency to fall, while the price of gran has risen slightly in four districts. The cheapest prices are—wheat 19, gram 30, rice 20, and juar 28 seers per rupee.

Burma.—For week ending 17th September.—In Lower Burma prospects are favourable. In Upper Burma the lowest rainfall reported is in Magwe where one-third of an inch has fallen and in Pakôkku where one-half inch was recorded; elsewhere good rain has fallen. Damage by drought is reported from part of Pakôkku and by flood as already reported. Reaping of the early crops continues in several districts and transplanting of paddy is progressing in almost all places under favourable conditions. The price of paddy has risen slightly in Rangoon and Thayetmyo and has fallen slightly in Henzada, Mandalay, and Yamethin; elsewhere it is stationary.

Assam.—For week ending 20th September.—The weather is too cold for tea in Sibsagar and Lakhimpur, but elsewhere it is favourable. Reaping of early and transplanting of late rice are in progress. Prospects of early rice and tea and the condition of sugarcane are fair. Fodder is searce in Cachar and in parts of Sylhet and Darrang. Prices—common rice—Silchar 12 to 12½, Sylhet 11½, Gauhati 13, Tezpur 9½, Nowgong 8, Sibsagar 10 and Dibrugarh 11 seers per rupee.

Mysore and Coorg.—For week ending 21st September.—MYSORE: Rainfall—18 cents in the Civil and Military Station and good rain in Kadur, Shimoga, and parts of Hassan. The standing crops are in good condition. Prices have fallen slightly in four districts. Ragi (Eleusine coracana) is being harvested in Mysore and Hassan.

COORG: Rainfall—one inch 56 cents. Transplanting of rice has been completed and reaping of ragi (Eleusine coracana) and picking of cardamoms continue. Coffee berries are maturing. Prices of food grains are rising. Water and fodder for cattle are abundant.

Berar and Hyderabad.—For week ending 21st September.—BERAR: The weather is sultry. The monsoon crops are in good condition. Breaking up of land for next winter crop is in progress and weeding continues. The fodder and water-supply are insufficient in parts of Amraoti and Buldana. Prices show a tendency to fall.

HYDERABAD: Rainfall during the week—one inch 79 cents. The Gulbarga division has been much benefited by the rainfall of the present and past weeks. The Aurangabad district received more than 7 inches of rain during week ending 15th September. The autumn crops are being harvested in parts. The spring sowings have commenced in a few talukas. The standing rice crop is in good condition. Prices of grain are steady. Prices—wheat 74, coarse rice 8, and jowari 15 seers per current sicca rupee.

Central India.—For week ending 21st September.—Good rain fell in Central India during the week, though the fall has been excessive in Baghelkhand. Agricultural operations are in progress and the crops are in good condition generally, but have been damaged in Bundelkhand, Baghelkhand, Bhopawar and Indore by excessive rain. Agricultural stock and pasturage are in good condition. Prices are falling in Bhopawar and are steady elsewhere.

Rajputana.—For week ending 21st September.—Fair to good rain has fallen throughout Rajputana, except in Jaisalmere. Prospects have improved greatly and the crops are generally in good condition. Slight damage by insects and from want of rain is reported from Meywar, Kerowlee, and Alwar. Young locusts appeared in one perganah of Jaisalmere, where the crops are still withering in parts. Cattle are generally in good condition, but fodder is scarce in Meywar, Marwar, Ajmere, and Jaisalmere. Prices are rising in one State; falling in five; and are steady elsewhere.

Kashmir.—For week ending 20th September.—The weather is fine. The standing autumn crops are in good condition. Prices continue below normal. Rice—24 seers per rupee.

JAMMU PROVINCE.—For week ending 21st September.—No rain during the week. The condition of the standing crops is good. Fodder is sufficient. There has been a slight fall in prices. Wheat is 18 and maize 24 seers per rupee.

Nepal.—For week ending 17th September.—Rainfall 3'33 inches. Abnormally heavy rain has fallen for September and the country below the hills is flooded. The rice crop has been damaged in places. Rice—8 seers per rupee.

The total numbers in receipt of relief during the preceding and present weeks were as follows:

		İ	Pa	BCEDING WEE	K.	P	bu .	Increase	
NAME C	NAME OF PROVINCE.			Gratuitous relief.	TOTAL.	Relief works.	Gratuitous relief.	TOTAL.	or decrease.
Madras Bombay		٠	324	33 5,605	357 20,314	284 13,275	38 5,708	322 18,983	- 35 -1,331
	TOTAL		15,033	5,638	20,671	13,559	5,746	19,305	—1,366

T. W. HOLDERNESS,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF REVENUE AND AGRICULTURE.

(FAMINE.)

Return of the number of persons in receipt of relief in districts affected by scarcity.

Nors.—The figures are compiled from the Local Gazettes, and give the District details of the Provincial totals published weeklys in the Crop and ther Summary in the Gasette of India.

Non-labouring children and other dependants of relief workers are classed as on relief works when distinguished in the local returns from persons allowed in poor-houses or at their homes.

	Name of Province and	FOR THE 277	HE WEEK	ENDING IST 1898.	For the 3RD	E WEEK SEPTEM	ending Ber 1898.	FOR TI	HE WEEK H SEPTEM	ENDING BER 1898.	FOR THE WEEK ENDING THE 17TH SEPTEMBER 1898.			
0.	District.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works.	Gra- tuitous relief.	TOTAL.	Relief works,	Gra- tuitous relief.	TOTAL.	
944	Madras.	365	24	389	376	24	400	288	. 29	317	324	33	357	
	Total Madras .	365	24	389	376	24	400	288	29	317	324	33	357	
1	Bombay. Sholapur	14,074	5,158	19,232	13,995	5,401	19,396	14,612	5,432	20,044	14,709	5,605	20,314	
3	Poona . (1,605	000	1,605	1,661		1,661	1,663	***	1,663	1,648	***	1,648	
	TOTAL BOMBAY .	15,679	5,158	20,837	15,656	5,401	21,057	16,275	5,432	21,707	16,357	5,605	21,962	
	GRAND TOTAL FOR ALL PROVINCES.	16,044	5,182	21,226	16,032	5,425	21,457	16,563	5,461	22,024	16,681	5,638	22,319	

The dates at the head of the table are the dates of the Gasette of India in which the Provincial totals were published. The figures, however, ally show the numbers on relief on each preceding Saturday. All previous returns should be read subject to a similar correction,

T. W. HOLDERNESS.

Secretary to the Government of India.

Dated 23rd September, 1898.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

STATEMENT OF PPROXIMATE GROSS EARNINGS OF INDIAN RAILWAYS FROM 1ST JULY TO 117 SEPTEMBER 1897, AND FROM 1ST JULY TO 10TH SEPTEMBER 1898.

N.B. As regards the figures in column Total Earnings from 1st July 1898, audited figures have been used, as far as possible.

	Average earninge per mile	SEP	E ENDING 1 TEMBER 18			REMBER 18		Earnings	Earnings		
BAILWAY,	per week during	Mean	Earnin	-	Mean	Earnin		from let July to 11th		Increase.	D.
	the 2nd- half of 1897.	mileage worked.	TOTAL.	Per mile open.	mileage worked.	TOTAL.	Per mile open.	September 1897.	September 1898.		22700
State Lines worked by companies.	Rs.	Miles.	Re.	Rs.	Miles.	Rs.	Ra.	Rs.	Ra.	Re.	I
Standard gauge— East Indian	629	1,737	11,24,817 27,122	648	1,740	10,52,000	605	1,06,05,191	1,03,17,000	***	2,8
Bengal Central Bengai-Nagpur	210 116	125 862	91,622	106	125 962	13,800 93,000	110 97	2,08,569 9,05,587	1,56,000 8,40,000	488	6
Indian Midland (including Bhopal-Itarai) Bezwada Extn. (East Coast State).	145 150	752 21	99,730 3,423	133 163	800 21	82,900 2,500	104 119	11,54,838 34,180	8,42,000 27,400	***	2,9
Madras-Ennúr sec. (Bezwada-Mad.)	183	9	1,643	183	9	600	67	12,958	7,200	•	
Tetre gauge— Rajputana-Malwa (inoldg. GRNágdá).	196	1,815	3,54,154	195	1,815	3,48,000	192	33,49,881	34,65,000	1,15,119	
Pálanpur-Deesa South Indiau	41 168	1,042	360 1,81,924	21 175	1,042	500 1,63,000	29 156	4,816 17,98,200	5,500 16,37,000	684	1,6
Mayavaram-Mutupet Southern Mahratta (including Guntakal-	95	54	5,801	107	54	4,600	85	54,013	47,700	400	1,0
Mysore Frontier section) Mysore section (Southern Mahratta)	110	1,165	1,44,451	124	1,165	75,900	65	16,53,826	10,01,000	004	6,55
Mysore section (Southern Mahratta) . Bengal and North-Western (including	127	206	41,608	141	296	21,700	73	4,47,005	2,76,000		1,7
Tirhoot section)	126	815	79,851 11,197	98	925	84,000 10,800	91 51	9,94,515	11,65,000	1,70,485	
Lucknow-Bareilly Assam-Bengal	67 69	200 238	15,387	56 65	200 293	20,700	71	1,12,373 1,21,332	1,38,000 2,21,000	25,627 99,668	
Burma	153	888	1,32,492 23,15,582	149 231	936	1,41,000	203	12,22,027	9 16 03 800	2,35,973	L .:
State Lines worked by the State.	220	10,036	20,10,002		10,400	21,10,000	200	2,26,54,291	2,16,03,800	***	10,50
andard gauge— North Wostern (a)	243	2,885	8,05,960	279	2,885	4,40,000	153	65,25,298	t8,38,000		6.87
Oudh and Rohilkhand (including the metre gauge link)			1,31,692	150		1,42,000	140		15,99,000		0,0
Eastern Bengal (incldg. metre & 2' 6")	177 411	875 817	3,56,704	437	1,013 818	2,96,000	362	18,74,639 26,80,087	24,06,000	2,24,361	2.7
East Coast	104	538	69,289	129	588	34,800	64	6,52,380	4,14,000	004	2,3
Jorhat Cherra-Companyganj	67	25	1,071	43	25	2,400	96	18,324	24,300	5,976	
Cherra-Companyganj	243	5,140	13,64,715	266	5,279	9,14,700	173	1,12,50,728	$\frac{(b)}{1,02,81,300}$	0.00	9,6%
Lines worked by guaranteed cos.											viv
Great Indian Peninsula (c)	328	1,491	4,85,461	292	1,491	4,10,000	275	46,38,203	43,01,000	141	3,37
Bombay, Baroda and Central India Madras	507 260	461 840	1,97,068 2,19,345	427 261	461 840	2,11,000 1,78,000	458 212	22,58,129 24,18,616	21,86,000 21,62,600	***	7. 2.6
TOTAL .	337	2.792	8,51,874	805	2.792	7,99,000	286	93,14,948	86,49,000		11.60
TOTAL (GUARANTEED AND STATE) Assisted companies.	250	17,968	45,82,171	202	18,471	38,28.700	207	4,32,19,967	4,05,34,100	***	26,8%
Delhi-Umballa-Kalka	010	4.00	47.010	000		00 100	200		0.01.400		-
Tarkessur	212 232	160 22	47,316 5,234	206 238	162 22	22,400 5,000	138 227	3,19,748 51,277	2,35620	414	8à.
Sonthorn Punjab (Delhi-Samasata)	35	•••	994	***	400	17,800	45	491	2,6	2,67,000	
Robilkhand and Kumaon (Co.'s sec.) .	126	66	9,804	149	66	7,000	106	88,780	7,900	0.00	14
Bengal Dooars	184 195	96 78	3,885 14,202	108	36 78	4,400 13,000	122 167	56,838 1,51,608	64,600 - 1,74,000	7,762	100
Dibru-Sadiya Ahmadabad-Parintij secial gauges—	44	41	2,741	67	55	2,300	42	20,536	21,600	1,064	
Darjeoling-Himalayan	300	51	12,494	245	51	13,000	255	1,59,101	1,42,000	004	17
Bársi	93 1 156	475	97,195	72 205	21	700 85,600	= 33 96	18,139	11,400	144	6
ines owned by native states and	190	410	01,100	200	891	00,000	2/0	8,66,017	10,33,200	1,67,183	-
worked by other agencies.											
Bina-Goons	21 52	74	3,813 5,177	52	74	2,800	31	10,220	18,000	7,780	
Bhopal-Ujjain	42	114 35	876	45 25	114 35	8,600 1,800	75 51	46,142 12,581	78,560 18,100	32,358 5,569	
The Nizam's guaranteed state The Gaekwar's Petlad	213 86	334	74,517 1,188	223 91	334 13	62,000	186 62	6,91,985 10,428	6,79,000 8,700	***	1
Ráinura-Bhátinda	106	108	10,479	9 97	108	8,500	79	3,11,278	1,10,000	944	1
Kolar Gold-fields	423	10	4,832	433	10	2,800	280	42,027	87,700	***	
Yeavantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud).	93	66	6,083	92	66	4,000	61	20.010	40 100		30
The Gackwar's Mehsana	64	93	5,732	62	93	5,400	58	76,913 49,227	46,100 50,200	973	8
Kolhápur	49	29	1,514	. 52	29	900	31	20,294	12,200	0.61	· °
The Gackwar's Dabhoi Rajpipla	43 12	79 19	3,940	50 11	79	2,900	37	35,356	35,100	000	
Cooch Behar	44	22	507	23	19 22	1,100	5 50	2,391 4,998	1,500 8,600	3,602	31 2
ines owned & worked by n. states.	115	996	1,18,361	119	996	1,01,200	102	11,13,790	11,08,700	44+	10
stre hauge—	40		04.000								40
Bhávnagar-Gondal-Junágad-Porbandar Jetalsar-Rájkot	83 84	334 46	24,580 4,310	74	334	17,400 2,500	52 54	2,34,360 35,636	1,94,000 28,400	***	40
Jámnagar	89	51	2,997	59	54	1,500	28	23,570	17,400	8,100	
Dhrángádrá Jodhpore-Bickaneer	37	364	25,263	69	405	26,500	38 65	2,11,111	8,100 2,38,000	8,100 26,899	41
Oodeypore-Chitor	89	60	2,022	84	60	2,000	33	28,144	26,800	3,656	40
Morvi	92	04	8,899	95	94	4,900	52	67,690	60,900		21
GRAND TOTAL .	232	949	68.071	72	1,014	55,600	55	5,95,511	5,73,600		25,30
Camario IVIALI .	202	20,388	48,15,798	236	21,372	40,71,100	190	4,57,95,285	4,32,44,600	183	-

 ⁽a) Includes the Jammu and Kashmir and the Hyderabad-Shadipalli railways.
 (b) Closed for traffic.

W. J. McELHINNY, Capt., R.E.,
Offg. Under Secretar

⁽c) Includes the Wardha Coal, the Dhond-Manmad, the Khang and the Amraoti railways.

GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY STATISTICS.

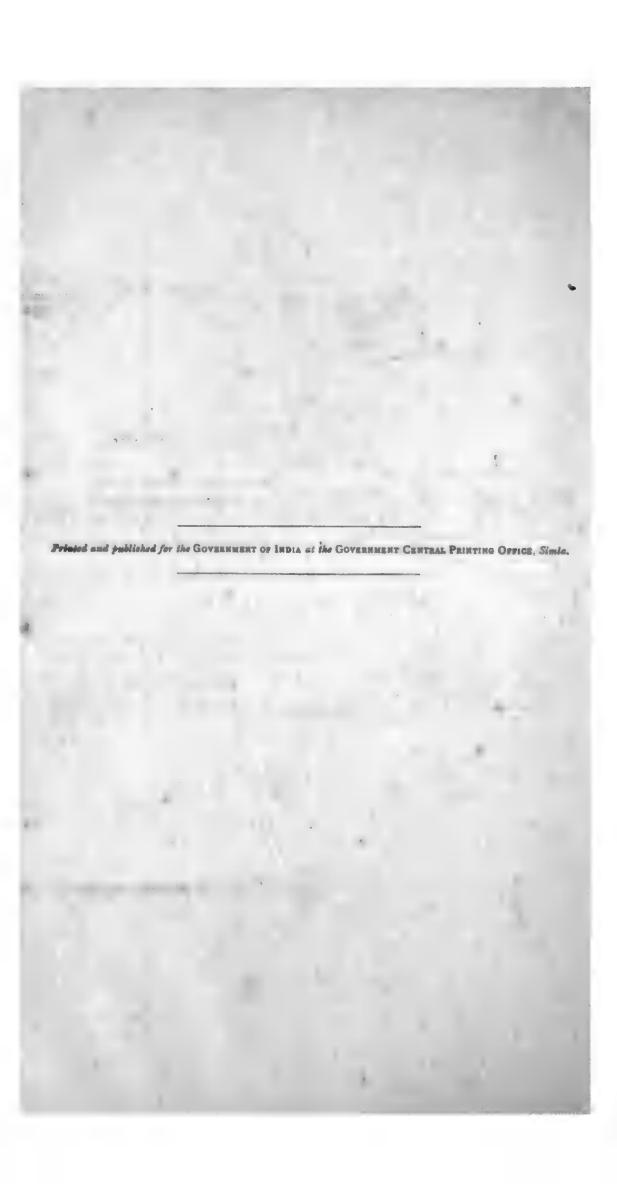
No. XXII or 1898-99.

STATEMENT OF APPROXIMATE GROSS EARNINGS OF INDIAN BAILWAYS.

N.B.—As regards the figures in column Total Earnings from 1st April 1898, sudited figures have been used, as far as possible

	Average		e ending rember 18		WERE	ENDING 1	0тн 98.	72			1
BAILWAY.	earnings per mile		Earnin			Earning	-	Earnings from lat	Form 1st		
Memuer	per week in 1897-98.	Mean mileage worked,	TOTAL.	Per mile open.	Mean mileage worked.		Per mile open.	April to 11th Septem- ber 1897.	April to 10th Sept- ember 1898.	Increase.	Dooronse.
State lines worked by companies.	Ra,	Miles.	Rs.	Re.	Miles.	Rs.	Rs.	Rs.	Rs.	Re.	Ra.
East Indian Bengal Central	651 183	1,737 125	11,24,817 27,122	648 217	1,740 125	10,52,000	605	2,54,75,972	2,58,55,000	3,79,028	6
Bengal-Nágpur Indian Midland (including Bhopal-Itárai)	139 155	862	91,622 99,730	106 133	962	13,800 93,000	110 97	4,28,645 25,62,462	4,13,000 30,00,000	4,37,538	15,645
Bezwada Extn. (East Coast State) . Madras-Ennur sec. (Bezwada-Mad.)	155 185	752 21 9	3,428 1,648	163 163 183	800 21 9	82,900 2,500 600	104 119 67	27,63,268 68,804 29,375	26,48,900 80,400 19,900	11,596	1,15,268
Rajputana-Malwa (inoldg. GRNágdá) Pájanpur-Deesa	210 44	1,815 17	3,54,154 360	195 21	1,815	3,48,000	192	85,29,899	1,04,54,000	19,24,101	900
South Indian Mayavaram-Mutupet	166 92	1,042	1,81,924 5,801	175 107	1,042	1,63,000	29 156	18,943 42,48,403	15,500 39,87,000	***	3,443 2,61,403
Southern Mahratta (including Guntakal-	113	54		124	54	4,600	85	1,25,074	1,16,000	4.00	9,074
Mysore Frontier section) Mysore section (Southern Mahratta) Bengal and North-Western (including Tirhoot section)	123	1,165 296 815	1,44,451 41,608 79,851	141	1,165 296 925	75,900 21,700 81,000	65 73	87,90,181 9,59,655 28,35,159	27,33,000 6,88,000	* ***	10,57,131 2,71,655
Lucknow-Barcilly	81 73	200	11,197 15,387	56 65	200	10,800	91 54	3,74,673	30,34,000 4,76,000	1,98,841	***
Burma	186	888	1,32,492	149	293 936	20,700 1,41,000	71 151	3,65,140 34,81,341	5,60,000 36,68,000	1,94,860 1,86,659	***
State lines worked by the State.	243	10,036	23,15,582	281	10,400	21,15,000	203	5,60,56,944	5,77,47,800	16,90,856	•••
undard gauge— North Western (a)	236	2,885	8,05,969	279	2,885	4,40,000	158	1,37,33,415	1,72,92,000	35,58,585	
Oudh and Rohilkhand (including the metre gauge link). Eastern Bengul (incldg. metre & 2'6").	195 362	875 817	1,31,682 3,56,704	150 437	1,013	1,42,000 2,96,000	140	37,95,989 55,62,607	44,73,000 54,77,000	6,77,011	***
East Coast	106	538	69,289	129	538	34,300	64	13,41,091	12,11,000	***	85,607 1, 80, 091
Jorhat Cherra-Companyganj	69 44	25	1,071	43	25	2,400	96	45,569	44,200	041	1,360
Total .	295	5,140	18,64,715	266	5,279	(b) 9, 14,700	173	(c) 2,945 2,44,81,616	2,54,98,600	40,16,984	1,545
Lines worked by guaranteed cos.											
Great Indian Peninsula (e) Bombay, Baroda and Central India Madras	381 586 261	1,491 461 840	4,35,461 1,97,068 2,19,345	202 427 261	1,491 461 840	4,10,000 2,11,000 1,78,000	275 458 212	1,21,00,652 68,68,791 54,19,886	1,48,52,000 79,27,000 50,66,000	27,51,348 10,58,209	3,53,886
TOTAL .	379 262	2,792	8,51,874 45,32,171	305	2,7,92	7,99,000	286	2,43,89,899	2,78,45,000	34,55,671	
TOTAL (GUARANTEED AND STATE) Assisted companies.	202	11,300	40,00,171	خالت	18,471	38,28,700	207	10,49,27,889	11,40,91,400	91,63,511	•••
landard gaugo- Doihi-Umballa-Kalka Tarkossur Southern Punjab (Dolhi-Samasata)	207 278 42	160 22	47,316 5,234	296 288	162 22 400	22,400 5,000 17,800	138 227 45	6,67,347 1,42,183	6,57,006 1,39,000 8,10,000	8,10,000	10,347
Rohilkhand and Kumaon (Co.'s sec.)	121	66	9.304	149	66	7,000	106	1,97,785	2,17,000	19.215	
Bengal Dooars	149 198	36 78	3,885 14,202	108 182	36 78	4,400 13,000	122 167	1,15,235 3,57,457	1,19,000 3,72,000	3,765	***
Ahmodabud-Parántíj	45	41	2,741	67	55	2,360	42	(f) 36,927	73,900	14,543 36,973	***
Darjeeling-Himalayan	274 125	51 21	12,494	245 72	51 21	13,000 700	255	3,49,194	3,48,000	***	1,194
TOTAL	147	475	97,195	205	891	85,600	33 96	19,28,550	27,91,100	8,62,550	7,222
Lines owned by native states and worked by other agencies. and gauge— Bina-Goons	00	24	0.010	***							
Bhonal-Ujjain	26 61	74 114	3,818 5,177	52 45	74 114	2,300 8,600	31 75	43,165 1,46,435	47,500 1,94,000	4,335 47,565	
Nagda-Ujjain The Nizam's Guaranteed State	60 211	35 334	74,517	25 223	35 334	1,800 62,000	51 186	52,119 15,40,669	61,300 17,56,000	9,181 2,15,331	
The Gackwar's Petlad Rájpura-Bhátinda	84 122	13 108	1,188 10,479	91 97	13 108	800 8,500	62	32,560	24,100	***	8,460
Kolar Gold-fields	402	10	4,332	433	10	2,800	280	3,24,763 88,890	3.31,000 89,500	6,287	😉
Yesvantpur-Mysore Frontier section (in- cluding Mysore-Nanjangud)	84	66	6.083	92	00	4.000		2 70 2 45			-
The Gackwar's Mohaana Kolhapur	71	93	5,732	62	66 93	4,000 5,400	61 58	1,52,147 1,56,831	1,12,000 1,54,000	***	40,147 2,831
Pecial gauges— The Gaekwar's Dabhoi	57	29	1,514	52	29	900	31	51,795	35,600	***	16,195
Kajpipla	51 11	79	3,940 203	50	79 19	2,900 100	37 5	1,07,783 2,391	1,04,000 4,900	2,509	3,788
Cooch Behar . Total	120	996	507 1,18,361	$\frac{23}{119}$	996	1,100	102	22,334 27,21,882	25,100 29,39,000	2,763	***
lanes owned & worked by n. states.						01031800	102	11,22,002	20,00,000	441,410	•••
Bhavingur-Gondal-Junagad-Porbandar .	97 82	334 46	24.580 4,310	74 94	334 46	17,400	52	7,89,882	8,76,000	86,118	2.084
Jamnagar Dhrángadrá	38	51	2,997	59	54	2,500 1,500	54 28	89,274 (g) 53,603	82,300 49,700	***	6,974 3,90 3
Ocdevrore Children	62	364	25,263	69	405	26,500	38 65	5,53,018	(h) 10,200 5,72,000	10,200 18,982	
Oodeypore-Chitor Pecial yange— Morvi	38	60	2,022	84	60	2,000	33	55,115	66,800	11,685	***
TOTAL	83 75	949	8,899 68,071	95 72	1,014	4,900 55,600	52	1,76,940 17,17,832	1,88,000	11,060	***
GRAND TOTAL .	243	20,388	48,15,798	236		40,71,100		11,12,98,153		1,08,70,347	***
(a) Includes the Jammu and Kashmer and Failways. (b) Closed for traffic. (c) From 1st April to 15th May 1897. (d) From 1st April to 14th May 1898.	d the B	lydoraha	d-Shadipall	(f) From (g) From (imraoti rai let May to 8th April t	lways. 11th S o 11th	Coal, the Dho eptember 189 September 186 September 186	7. 397.	the Khám	gaon, and

W. J. McELHINNY, Capt., R.E.,





SUPPLEMENT TO

The Gazette of India.

No. 40.

CALCUTTA, SATURDAY, OCTOBER 1, 1898.

OFFICIAL PAPERS.

A Supplement to the Gazette of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Recellency the Governor General will in future be published in Nan-Subscribers to the Gazette may receive the Supplement separately on a payment of five Rubers for annum if delivered in Calcutta, or eight Rubers if sent by Post. The Supplement and Part VI of the Gazette can also be subscribed for separately on a payment of Rubers six per annum if delivered in Calcutta or Rubers mine if sent by Post.

No Official Orders or Notifications, the Publication of which in the Gazette or India is required by Law, or which is that been customary to publish in the Calcutta Gazette, will be included in the Supplement. For such Orders and otherstons the bady of the Gazette must be looked to.

GOVERNMENT OF INDIA. FINANCE AND COMMERCE DEPARTMENT.

WHOLESALE PRICES FOR THE 2nd HALF OF AUGUST 1897 AND 1898,

Districts.		CE, SKED.	RI	CE,	WH	EAT.	FLOUR	WHEAT).	BAR	LEY.	JAW	AR.	
The Districts.	1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898,	1897.	4
Borma-									T.				
Tonasserim-			9	110						1			7
Mergui	. 16.15	20'4	37'4	42'5 42'5	***	***	***	***	·	0.60	***	4211	
Moulmein and Amherst	. 17	24'65	51	68		061	900	***	200	***	400	***	
Pegu (deltaic)— Rangoon	16'49	27'2	39'95	62'05	72'25	90,02		***	***	***	***		
Thôngwa		***	59'5	68	981			***		***	***	460	
Bassein	17	23'8	51	68	200	884	***	***	***	•••	***	***	
Pegu (inland)— Henzada Toungoo	14'11	23°29	40°46 54°4	54'4 54'4	*** ***	9.00	844 944	***	***	go.	000	***	
Upper Burmo- Mandalay	. 18:36	25'5	20,12	63°24	39'1	71.33		***	***	***	•••	***	1
Bamo	. 11'05	***	42'5	•••	***	***	***	***	***		464		
Pakôkku	. 17	25'5	20.1	68	5.05	401	610		441	491	12.75		
Arakan— Kyaukpya	18.7	20°91	37°4 43°58	42°5 41°82	200	684 884	***	#80 900	000	1 67 ·	911 901	#94 004	
Assam—					1								
Brakmaputra— Gošlpára		25	30 30	\$0 47'03	***	000	994 944	ted ton	***	***	-	910	
Bengal-		6-8			The sa							7 34	
Eastern— Chittagong	* as-	001	32°5 30	\$6.32 \$0	33.2	50	***	***		35	010°	514 514	
Deltaic-	1						3						
Midnaper		407	30	40	***	840	***		111	***	210		
Calcutta		***	35	55	30	45	***		23'75	40	22'5	40	
Central— Bardwan Pabna	0 000 0 000	400	33,13	47°5 44°37	43'12'	50°62	***	044 040	***	000	981	000 B	A
Northern- Rangpur			35	60	.40	56.25	010	680	890	***	094		
Orissa— Cuttack		***	27.81	33,01	35	49'37	•••	***		••	***		
Bihár, south-		***	25	41.87	20'62	38.75	***	***	14'06	32'5	15		
Bihdr, north— Bhagalpur Muzaffarpur	* 000		28°44 28°44	52°5 53°28	25.62 22,10	45 45'62	***	280	15'94 15'94	35°16 33'12	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g=6 004	
NW. Provinces -									*3.94	33 10			Y
Kastern- Benares	. 23.65	36.67	37'5	62'19	24'84	44'43	28.65	51'61	16.26	37'13		40'73	
Central— Cawnpore	. 19'48	34'06	30°73 36°35	50 \$5°16	23°18 26°25	42°66 43'33	27.6 30.04	48'49 50'78	15,1	32°03 34°22	17.76	40'94	
Western-		410	100	***	25'16	40	29.63		18.19		001		
Agra		***	43'5	51°56	25'62	43'44		469	16'25	31'09	17'5	43'12	
Submontane, west-													
Shahjahanpur Oudh—					32.31	41'04		***	13'12	33'33			
Southern— Lucksow	. 16'35	0.50	34'79	54'82	23.85	43*33	28'59	50	13'33	35'94	18.18	39.6	
Northern—	. 16.3		36.32	48'44	33,13	43*12			15'68		17'08		
	1	35,03	35			40 18	***		15 08	101	1,00	DELFE ST	

The figures under " Rice, husked" represent the prices of common rice.

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

BA	JRA.	RAG	91.	Mac	28.	Ga	AM,	ARHAR DÁL.		GH1.		Districts.
1898.	1897.	1898.	1897.	1898,	1897.	1898,	1897.	1898,	1897.	1898.	1897.	Districts.
									1	CAMI.		Burma—
			25					74.3				Tonasserim
		201		***		***	Jan.		***	***	- 247	Mergui.
230	***	224	***	400	444	***	241	***	***	000	***	Moulmein and Amberst.
						45'05	61,3	***	***	***	***	Pegu (deltaic)- Rangoon.
***	***	***			361	***			294	, max	***	Thôngwa.
***	991			444	,,,,	***		100		***	244	Bassein.
201	201			200	940 Bd0	***	401	***		441 Br	***	Pogu (inland)— Henzada. Toungoo.
2.09		644	***			33'83	67:32	***				Upper Burma- Mandalay.
100			***		***	***	***	***		***		Bamo.
***		***	***		897	- 111	***		***	***	Sas.	Pakôkku,
	261	000	***		***	***	4**	***			100	Arakan— Kyaukpyu. Akyab.
900 890	200	521 521 807	201	ARE	804 805 900	, 203 00:	****	11/000	***	***	***	Assam— Brahmaputra— Goálpara, Gaubati.
000 001	991 901 900	90X #89	200 200		224 481	32'5 25	50	33'75	62'5	400 420	400 350	Bengai— Bastern— Chittagong. Dacca.
		. 1										Deltaic-
		200		***	***	202	.044	464	100	370	370	Midnapur.
32.2	50	***	***	22'5	40	23'75	45	30	40	350	320	Calcutta.
900	501	***	110	***	509	33'75 34'00	50 45'62	33'75 18'12	28.13 25.2	352°5 480	290 300	Central— Bardwan. Pabna.
884	4.07	***	405	20	40	26.52	45	45	57°5	370	300	Northern- Rangpur.
•••			600	,,,	***	27.81	33.01	30,31	38'12	342'5	332.2	Orisso— Cuttack.
			-1000	15	36.87	16'56	40°62	15	36.52	320	260	Bihar, south-
	NES	15'94	***	14°06 15°94	37'19	18'75	42,10	18°44 25	39°53 57°19	360 356.26	300 270	Bihár, north — Bhágalpur. Muzaffarpur.
***	52'08		23'44	14.0	34°37	18'75	45'99	24'84	53'54	355"1	300*78	NW. Provinces— Rastern— Benares.
16.87	***	104	***	10,62	40'94	18.8	43°28 48°73	24°22 26°25	48'49	320	278.28	Contral— Cawnpore. Jhansi.
				1321		82*29	869	25'16				Western- Meerut,
***	***		434	***	***	30,31	47'19	27'5	52'81	320	266 87	Agra.
19'37			***	17*5	-16-70	17.76	44'43			340	266'25	Submontane, west- Shahjahaapur.
18.24	48'75	001	901	13°33	25	19,01	47'19	041	040	320	280	Oudh— Southern— Luckpow.
19'06		900		17'4	***	17.55	41°25	5-0.0	***	290.88	256.32	Northern- Fyzabad.

WHOLESALE PRICES FOR THE and HALF OF AUGUST 1897 AND 1898 -continued.

ne-	TRIC	TO			G	OR.	S	LT.	Товас	CO LEAF.	Turi	IERIĆ.	Ga	A85.	St	RAW.	1
					1898.	1897.	1898.	1897.	1898.	1897.	1898,	1897.	1898.	1897.	1898,	18gy,	
				1			1	To H									-
Burma-															12/18		1
Mergui . Tavoy .					***		***	998			***	***				000	1
Moulmein a	and I	Amhe	rat		***	***	***	***	***	***	994		107	***	004	000 000	1
Pogu (deltaic)—											188					
Rangoon							889	***	***		***	506	ate	***		. 040	
Thôngwa							***	***	***		***	***	***	***	***	-	7
Bassein					***	- 101	***	***	984	***	, 101	***				6	1
Pegu (inland Henzada)—										1						1
Toungoo				:	199	191	666	500	400	100	800	200	6	999	999	400	
Dabor Rusma														100			
Upper Burma Mandalay Bamo					***	***	***	***	***	000		***	***	***	400	***	1
Pakôkku					190	100	***	000	***	***	100	100	9*	***	***	100	l
Arakan-									C-200								
Kyaukpyu Akyab .		:			500	***	***	440	600	***	***	***	***	***	***	***	1
					TO SERVICE			To the		BELL	***		***	800			E
Assam-							COLUMN TO										
Brahmaputra Goálpára	-				444	-	***	449		864			***		444	1011	1
Gauhati	•				***	***	***	***	***	881		200	***	***	***	001	B
Bengal-	1							-				Part.	7		3.50		
Bastern- Chittagong							-6.00					Daily.	1				ŀ
Ducca					000	201	36°25	40	70	75	***	***	30	35	900	441	B
Deltaie-					Page 1	2.19			80'8	4930			7	N LEE		557	19
Midnapur					***	***	35	37'5	\$2°5 and 67°5	47°5 and 62'5	\	344	***	***	3'5(a)	2(a)	1
Calcutta					145	***	33°75	35	60	70			7(a)	7(a)	6(a)	5'5(e)	
Central-					W. A	100											Ŋ
Bardwan Pabna .				6	000	***	36°25 38°75	35 40	67°5	70	604	***	***	***	8.75(a) 7.5	6'5(a) 8'75	li
																0,13	
Northern- Rangpur						***	40	40	60	45	***		12(b)	*12(b)	14(6)	*14(6)	100
							34				1000						
Orissa-Cuttack					***	949	31'25	31'87	45	62'5	***	***	30(a)	30(a)	8(a)	3(a)	1
Bihár, south-	X				4												li.
Patna .			*				35	36.87	30	30	460	001	3.2	2.2	000	801	100
Bihár, north-								100					Wille!			- 24	100
Bhágalpur Muzaffarpur					***	***	38.75 36.55	40 36'25	40 100	50	901	106	***		***	986	K
			5		***	***	30 23	30 23	100	120	***		***	650	401	***	l'a
NW. Province	es-					6.50											1
Benares					47.92	65,81	***			***		***				400	
Central-											***		600	***	•		I
Cawnpore Jhánsi .				:	36.35	55°21 53'75	900	444	55	70	102'5	72'5	410	000	991	100	h
Western- Moerut					***	200	414		***	60	800	600		***	400		
Agra .		-			44'37	47'5	***	***	***	846	***	***		***	600	***	
Submontane, a	sest-			1	per ten	The same of			100		C 115	95)				1
Summeranto					-	***	**	200	***	***	and 120	and 100	}	460		040	10
Oudh—				4							1.252	1913	1858				100
Southern- Lucknow				i	44*27	6000		4/2							1		1
Northern-	1		E ST		44'37	62.21	0.04	***	75	75	***	935	1'98	3.2		161	1
Fyzabad	1	13.5			40	ete .		***	***		780	***	8.81	2.81	900	447	

(The figures represent prices per ten maunds in rupees and decimals of a rupee.)

JAWAR .	TALKS,	Вис	J8A.	SRI PER 8	ERP,	GO. PRR	ATS, SCORE.	PLO BULLOCI PAI	KS, PER		2
1808.	1897.	1898,	1897.	1898,	1897.	1898,	1897.	1898,	1897.	Districts,	
											4
										Burma— Tenasserim—	400
200 205	***	999	***	000	***	***	***	900		Mergui, Tavoy.	300
***	240	644	***	***	***	161	***		***	Moulmeis and Amherst,	
										Pegu (deltaic)-	95756
931	***	***	***	***	***	***	***	.00	***	Rangoon.	
111	***	***	***	046	***	***	***	***	***	Thôngwa.	
	***	600	300	***	***	***	40.5	***	***	Bassein.	200
	401	***	·			1000	153	***	***	Pegu (inland)-	
101 7	201	***	***	***	***	***	***	100	***	Toungoo.	
								100		Upper Burma-	
201	305	000	***	***	999	***	***	100	494	Mandalay, Bamo.	
201	341	***	***	***	***	100	***	***	***	Pakôkku.	4 M
		100	1							Arakan-	
488	***	400	***	800	905	845	***	101	111	Kyaukpyu, Akyab.	
			2 10 2 20 1 2 2 2	1000		2.15	Garage S		1.09		
		100	数法	P. C.				1000		Assam-	
***	***	***	***	***		***	44+	***		Brahmaputra— Goálpára,	
***	***	444	***	444	***	***	***	***	000	Gauhati.	
	100					4		100	150	Bengal-	
			1	7	177		401		600	Bastern- Chittagong,	
100	101	***	897	444	***	000	***	900	005	Dacca.	
	FF 3		179		die i	100	7.50			Deltaio-	1
	***	***	***	***	***	***	***	410	***	Midnapur,	
***	***	***	481	440	***	***	***	990	989	Calcutta,	
			1				-		- Mili	Central—	ALTO DESIGN
***	313	450	850	989	***	400	***	11.5	***	Bardwan, Pabna,	
					36.0				-	Northern-	
•••	***				***	***	***	***	***	Rangpur.	
			200		100					Orissa—	* 4
***	***	***	***	***	***	***		989	***	Cuttack,	
										Bihár, south-	W-1 26.58
***	***	980	***	***	***	***	***	***	000	Patna.	
									1	Bihár, north- Bhágalpur.	
***	400	499	004	100	940	***	***	***	***	Muzaffarpue.	
			E se								7
						200			Party.	NW. Provinces-	-17.1
941	080	•••	***	***	411	***	***	884	880	Benares.	
***	1			60	60	***			***	Cawapore,	
***	***	***	***	***		100		000	991	Jhansi,	
			1			1000				Western-	
104	000	011	400	60 42'5	60 45	000	200	70	70	Mecrut, Agra,	
				155			1	1		C. I.	
***	***	***	601	40 to 90	40 to 90	900	***	25 to 50	25 to 50	Submontane, west- Shahjahanpur.	AL LIES
							1000				
							No.			Oudh— Southern—	
1'56	***	100	000	35	35				***	Lucknow.	
			1	T. C.	A		1	28	28	Northern— Fyzabad,	
100	1	101	000	-	100	000	***	20	20		